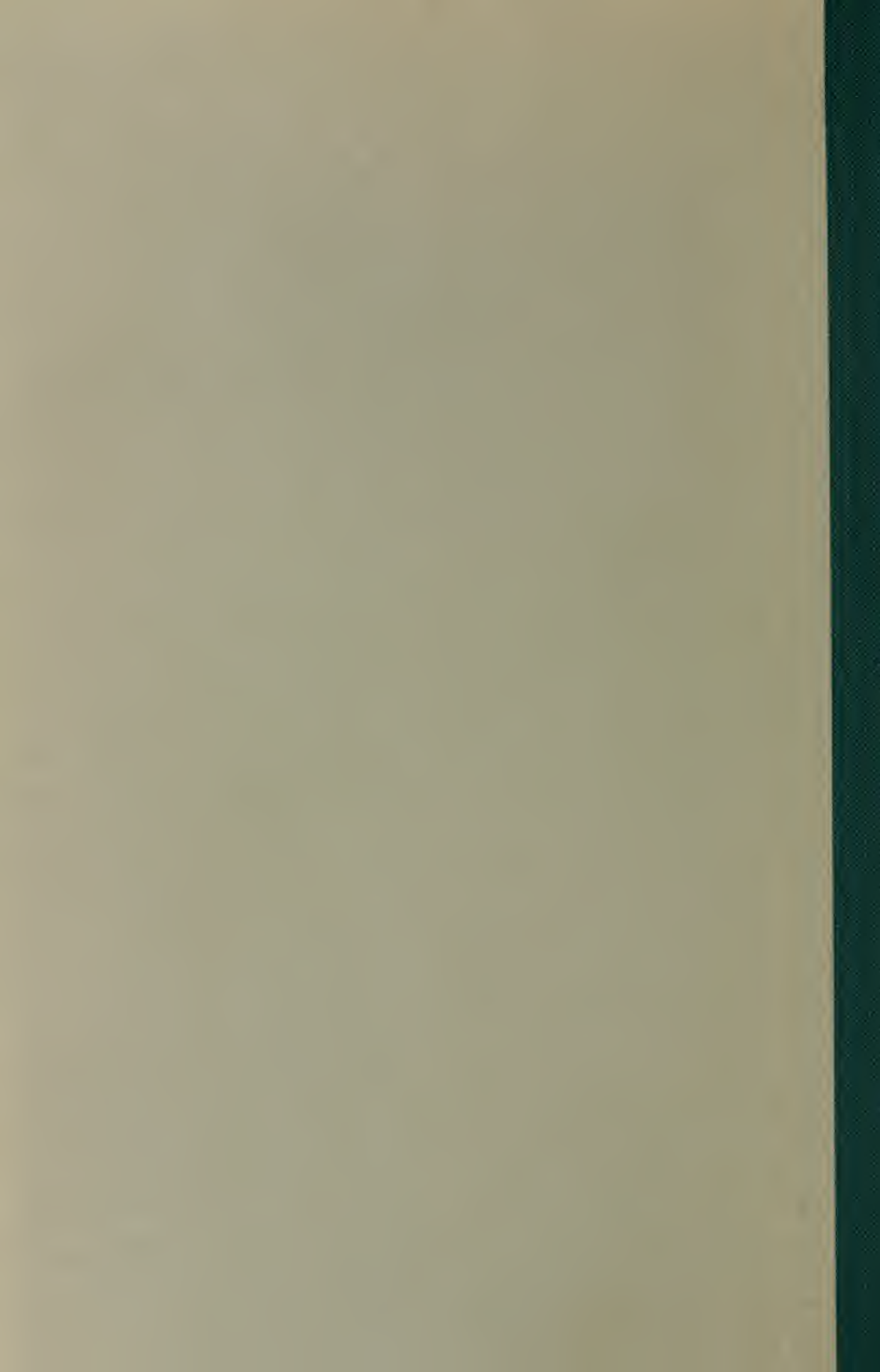


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# BIBLIOGRAPHICAL CONTRIBUTIONS.

EDITED BY JUSTIN WINSOR,  
LIBRARIAN.

No. 44.



EIGHTH LIST OF THE PUBLICATIONS  
OF HARVARD UNIVERSITY AND ITS OFFICERS,  
WITH THE CHIEF PUBLICATIONS ON THE UNIVERSITY.

1890-1891.

By WILLIAM HOPKINS TILLINGHAST,  
*Assistant Librarian.*

CAMBRIDGE, MASS.:  
Issued by the Library of Harvard University.  
1892.



*Already issued or in preparation:*

VOL. I.

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1. EDWARD S. HOLDEN. Index-Catalogue of Books and Memoirs on the Transits of Mercury.
2. JUSTIN WINSOR. Shakespeare's Poems: a Bibliography of the Earlier Editions.
3. CHARLES ELIOT NORTON. Principal books relating to the Life and Works of Michelangelo, with Notes.
4. JUSTIN WINSOR. Pietas et Gratulatio. An Inquiry into the authorship of the several pieces.
5. LIST OF APPARATUS in different Laboratories of the United States, available for Scientific Researches involving Accurate Measurements.
6. THE COLLECTION OF BOOKS AND AUTOGRAPHS, bequeathed to Harvard College Library, by the Honorable Charles Sumner.
7. WILLIAM C. LANE. The Dante Collections in the Harvard College and Boston Public Libraries. Pt. I.
8. CALENDAR of the Arthur Lee Manuscripts in Harvard College Library.
9. GEORGE LINCOLN GOODALE. The Floras of different countries.
10. JUSTIN WINSOR. Halliwelliana: a Bibliography of the Publications of James Orchard Halliwell-Phillipps.
11. SAMUEL H. SCUDDER. The Entomological Libraries of the United States.
12. FIRST LIST OF THE PUBLICATIONS of Harvard University and its Officers. 1870-1880.
13. SAMUEL H. SCUDDER. A Bibliography of Fossil Insects.
14. WILLIAM H. TILLINGHAST. Notes on the Historical Hydrography of the Handkerchief Shoal in the Bahamas.
15. J. D. WHITNEY. List of American Authors in Geology and Palaeontology.
16. RICHARD BLISS. Classified Index to the Maps in Petermann's Geographische Mittheilungen. 1855-1881.
17. RICHARD BLISS. Classified Index to the Maps in the Royal Geographical Society's Publications. 1830-1883.
18. JUSTIN WINSOR. The Bibliography of Ptolemy's Geography.
19. JUSTIN WINSOR. The Kohl Collection of Early Maps.
20. WILLIAM C. LANE. Index to Recent Reference Lists, no. 1. 1884-1885.

VOL. II.

21. SECOND LIST OF THE PUBLICATIONS of Harvard University and its Officers. 1880-1885.
22. JUSTIN WINSOR. Calendar of the Sparks Manuscripts in Harvard College Library.
23. WILLIAM H. TILLINGHAST. Third List of the Publications of Harvard University and its Officers. 1885-1886.
24. WILLIAM C. LANE. Index to Recent Reference Lists, no. 2. 1885-1886.
25. W. G. FARLOW and WILLIAM TRELEASE. List of Works on North American Fungi.
26. WILLIAM C. LANE. The Carlyle Collection.
27. ANDREW MCF. DAVIS. A few notes on the Records of Harvard College.
28. WILLIAM H. TILLINGHAST. Fourth List of Publications of Harvard University and its Officers. 1886-1887.
29. WILLIAM C. LANE. Index to Recent Reference Lists, no. 3. 1887.
30. Facsimile of the autograph of Shelley's poem "To a Skylark," with notes.
31. W. G. FARLOW. Supplemental List of Works on North American Fungi.
32. H. C. BADGER. Mathematical Theses, 1782-1839.
33. WILLIAM H. TILLINGHAST. Fifth list of Publications of Harvard University and its Officers. 1887-1888.
34. WILLIAM C. LANE. The Dante Collections in the Harvard College and Boston Public Libraries.
35. GEORGE E. WOODBERRY. Notes on the MS. of Shelley in the Harvard College Library.
36. WILLIAM C. LANE. The Treat Collection on Ritualism and Doctrinal Theology.
37. FRANK WEITENKAMPF. Bibliography of Hogarth.

VOL. III.

38. WILLIAM H. TILLINGHAST. Sixth List of Publications of Harvard University and its Officers. 1888-1889.
39. ALFRED C. POTTER. Bibliography of Beaumont and Fletcher.
40. WILLIAM C. LANE. Index to Recent Reference Lists, no. 4. 1889.
41. WILLIAM H. TILLINGHAST. Seventh List of Publications of Harvard University and its Officers. 1889-1890.
42. WILLIAM H. TILLINGHAST. The Orators and Poets of Phi Beta Kappa, Alpha of Massachusetts.
43. CHARLES GROSS. A Classified List of Books relating to British Municipal History.
44. WILLIAM H. TILLINGHAST. Eighth List of Publications of Harvard University and its Officers. 1890-1891.
45. WILLIAM C. LANE and CHARLES K. BOLTON. Notes on Special Collections in American libraries.
46. THE CLASS of 1828, with a list of the publications of its members.

A LIST OF THE PUBLICATIONS  
OF HARVARD UNIVERSITY AND ITS OFFICERS,  
WITH THE CHIEF PUBLICATIONS ON THE UNIVERSITY.

FROM SEPTEMBER 30, 1890, TO SEPTEMBER 30, 1891.

\* \* The list of publications of the officers of the University has been prepared from information received from the officers in response to a circular issued by the editor; for the record of the publications of the University, and for that of the articles relating to it, the editor is responsible. It is proposed to continue this list for successive academic years.

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**THE UNIVERSITY.**

The Harvard University catalogue, 1890-91. Cambridge. 1890. 8°. pp. 444, map.

Edited by H. E. Scott and F. L. Van Cleef.

Much of the matter in the Catalogue is also printed for distribution in the "Admission," "Elective," and "Graduate" pamphlets, having the following titles: *Selected sheets from the Harvard University catalogue, 1890-91, containing all necessary information for persons intending to enter Harvard College.* — *Announcement of courses of instruction provided by the Faculty of Arts and Sciences, for the academic year 1891-92.* pp. 49. June, 1891. — *Announcement of the graduate school, 1890-91.* Second edition. pp. 42. March, 1891.

The Departments issue their own portions of the Catalogue separately, in some cases with additions: the *108th Annual catalogue of the Medical School* contains the examination papers of 1890; the *23rd Annual announcement of the Dental School* contains a complete list of graduates; the *8th Annual announcement of the School of Veterinary Medicine* contains the admission examination papers and a view of the Village Street hospital.

Directory of the officers and students of Harvard University, October 8, 1890. Cambridge. 1890. 8°. pp. 29.

Edited by H. E. Scott.

Annual reports of the President and Treasurer of Harvard College, 1889-90. Cambridge. 1891. 8°. pp. 242, 66.

This report contains also the reports from the various departments and institutions of the University. The report of the Treasurer and those of several of the Departments are also issued separately.

Harvard University calendar. No. 338-374; Sept.-Oct. 1890—June, 1891.

The calendar is issued in term-time only.

[Programme of the exercises at Commencement, 1891.] 4°. pp. xv.

Contains, in Latin, the names of those who receive degrees and academic honors in all departments.

[Amendments to the Regulations of the Faculty of Arts and Sciences.] Dated 4 June, 1891. p. 1.

Harvard University. A brief statement of what Harvard University is, how it may be entered, and how its degrees may be obtained. Cambridge. Published by the University. 8°. pp. 56.

By Frank Bolles, Secretary of the University.



Regulations of the Faculty of Arts and Sciences concerning college studies, 1891-92. 12°. pp. 12. [June, 1891.]

Abstracts from the regulations of the Faculty of Arts and Sciences concerning studies for Freshmen in Harvard College.

Regulations concerning the choice of studies by special students in Harvard College. pp. 2.

Opportunities provided for religious worship, instruction, and fellowship. 1891-92. 12°. pp. 8.

Harvard University aid funds. 1891-92. 12°. pp. 22.

Programme of the Semitic department, 1891-92. 12°. pp. 12.

Instruction in Classical Philology and in Sanskrit, 1891-92. 12°. pp. 37.

Programme of the department of English, 1891-92. 12°. pp. 12.

German department, 1891-92. 12°. pp. 12.

Programme of the French department, 1891-92. 12°. pp. 11.

Description of the courses in Italian, Spanish, and Romance Philology, 1891-92. 12°. pp. 13.

Programme of the Philosophical department, 1891-92. 12°. pp. 17.

Department of Political Economy, 1891-92. 12°. pp. 10.

Programme of the History department, 1891-92. 12°. pp. 24.

Seminary of American history, 1891-92. 12°. pp. 11.

Programme of the Mathematical department, 1891-92. 12°. pp. 19.

Chemical Laboratory and Mineralogical Museum, 1891-92. 12°. pp. 12.

Programme of the department of Geology, 1891-92. 12°. pp. 12.

Announcement of courses for teachers on methods of instruction. 1891-92. 8°. pp. 8.

Announcements of summer courses in English, French and German, Field Engineering, Physics, Chemistry, Botany, Geology, Physiology and Hygiene. Methods of Instruction.

Committee on reception of students. List of rooms for rent [not including those in the College dormitories].

The Committee issued several other circulars.

Examinations for women. [Explanatory.] 1892. 1891. 12°. pp. 16.

Gives a list of successful candidates since 1881.

Harvard University examinations. Papers used at the admission examinations held at Cambridge, Quincy, Groton, Andover, Southborough, Worcester, Exeter, Concord, New York, Albany, Buffalo, Philadelphia, Cincinnati, Cleveland, Chicago, Minneapolis, St. Louis, Denver, San Francisco, Portland (Or.), Bonn (Germany), and Tokyo (Japan), June, 1891. Cambridge. 1891. 8°. pp. 24.

Harvard University examinations. Papers set for final examinations in Harvard College, June, 1891. Cambridge. 1891. 8°. 4 pams.

Namely: *Ancient languages (Hebrew, Sanskrit, Greek and Latin)*. pp. 48. — *Modern languages (English, German, French, Italian, and Spanish)*. pp. 64. — *Philosophy, Political Economy, History, Roman Law, Fine Arts, and Music*. pp. 35. — *Mathematics, Physics, Chemistry, Botany, Zoölogy, and Geology*. pp. 36.

Harvard University examinations. Papers used at the annual examinations in law held at Harvard University, June, 1891. Cambridge. 1891. 8°.

Harvard University examinations. Papers used at the examination for women, 1891. Cambridge. 1891. 8°. pp. 24.



Rank-lists for 1890-91. 12°. pp. 38.

In the Board of Overseers of Harvard College. Report of the committee on elections. Signed by Geo. O. Shattuck, W. G. Russell, Edmund Wetmore, Samuel Hoar, Henry H. Sprague. pp. 4.

Recommending the adoption of the Australian ballot.

Report on voting for Overseers by graduates of the professional schools. Signed by John T. Morse, Jr., George B. Shattuck, Francis Rawle. Dated 10 June, 1891. 8°. pp. 4.

In the Board of Overseers of Harvard College. Oct. 8, 1890. Report of a special committee on changes in the academic department and in its relation to the professional schools. Signed by Henry W. Putnam, Roger Wolcott. 8°. pp. 18.

Report of the committee of five (of the Faculty of Arts and Sciences) to which was referred (Nov. 4) the following vote of the Board of Overseers (adopted Oct. 22): "That at the suggestion of the President of the University the Faculty be invited to present in print to this Board its reasons for the proposals transmitted to the Corporation relating to the reduction of the College course." Dated 1 Dec. 1890. 8°. pp. 16.

[Statement to the Board of Overseers of reasons for opposing the proposal of the College Faculty for the reduction of the college course.] Signed by J. D. Whitney, and 27 others. 8°. pp. 7.

In the Board of Overseers of Harvard College. April 8, 1891. Supplementary report of the special committee on changes in the academic department and in its relations to the professional schools. Signed by Henry W. Putnam, Roger Wolcott. 8°. pp. 8.

Reports of the visiting committees of the Board of Overseers. i.-ix.

i. Report of the committee on the Chemical Laboratory. 6 Feb. 1890. pp. 1-20. — ii. Report of the committee on the School of Veterinary Medicine. 5 April, 1890. p. (21). — iii. Report of the committee on the Jefferson Physical Laboratory. 29 April, 1890. p. (22). — iv. Report of the committee on modern history and international law. 21 May, 1890. pp. 23-26. — v. Report of the committee on the Peabody Museum of American Archaeology and Ethnology. 21 May, 1890. pp. 27, 28. — vi. Report of the committee on Indo-Iranian languages. 11 June, 1890. pp. 29-33. — vii. Report of the committee on the Arnold Arboretum. 24 June, 1890. pp. 36, 37. — viii. Report of the committee on music. 24 June, 1890. p. (38). — ix. Report of the committee on the Lawrence Scientific School. 24 Sept. 1890. p. (39).

IN BOARD OF OVERSEERS, 17 Dec. 1890. *Voted*, That the Secretary be instructed to cause the reports of the several Visiting committees read under section 29 of the existing By-Laws to be numbered and printed consecutively after they shall have been acted on by this Board.

Names and addresses of living bachelors and masters of arts and of the holders of honorary degrees of Harvard University. 1891. (Third year.) Cambridge. March 15, 1890. 8°. pp. 117.

Prepared by the Secretary of the University from material furnished by the class secretaries, the Editor of the Quinquennial Catalogue, the Librarian of the Law School, and numerous individual graduates.

#### Scientific Serial Publications.

The Quarterly Journal of Economics. Vol. v. Boston. Geo. H. Ellis. 8°. pp. xii. 522.

*Contents*: — v. 1. (October, 1890.) Some experiments on behalf of the unemployed. Amos G. Warner. — Boehm-Bawerk on value and wages. S. M. Macvane. — A century of patent law. Chauncey Smith. — The Southern Railway & Steamship Association. Henry Hudson. — *Appendix*: Agreement of the Southern Railway & Steamship Association. — Statistics of the German laborers' colonies.

v. 2. (January, 1891.) The value of labor in relation to economic theory. James Bonar. — Reform in railroad passenger fares. Edmund J. James. — The tobacco tax. Frank L. Olmsted. — The

Verein für sozial-politik. Eugen von Philippovich. — *Appendix*: Ratio of the cost of labor to the whole cost of the manufactured article. — Statistics relating to the tobacco tax in the United States, 1863-90.

v. 3. (April, 1891.) The law of the three rents. John A. Hobson. — Distribution as determined by a law of rent. John B. Clark. — Marshall's "Principles of economics." Adolf Wagner. — The gild merchant in England. Wm. Cunningham. — *Appendix*: Social and economic legislation of the states in 1890. Wm. B. Shaw.

v. 4. (July, 1891.) The academic study of political economy. Charles F. Dunbar. — The doctrine of rent, and the residual claimant theory of wages. Francis A. Walker. — A contribution to the theory of railway rates. F. W. Taussig. — Coöperative insurance and endowment schemes. William Morse Cole.

Each number also contains notes on current topics, correspondence, and a bibliography.

Harvard Studies in Classical Philology. Edited by a committee of the classical instructors of Harvard University. Vol. ii. Boston: Ginn & Co. London: Ginn & Co. Leipsic: Otto Harrassowitz. 1891. 8°. pp. (4), 213.

*Contents*: — *Quaestiones Petronianae*. H. W. Haley. — Greek and Roman barbers. Frank W. Nicolson. — Some constructions in Andocides. Morris H. Morgan. — Gajus or Gaius. Frederic D. Allen. — An inscribed Kotylos from Boeotia. John C. Rolfe. — Nedum. J. W. H. Walden. — Some uses of neque (nec) in Latin. J. B. Greenough. — The participial construction with *τὴν γὰρ* and *καρτεῖν*. J. R. Wheeler. — The 'stage' in Aristophanes. John Williams White.

The editorial committee consists of Professors JAMES B. GREENOUGH, FREDERIC D. ALLEN, and JOHN WILLIAMS WHITE.

Harvard Historical Monographs. No. 2. Introduction to the study of federal government. By Albert Bushnell Hart. Boston. Ginn & Co. 1891. 8°. pp. x. 200.

#### Outlines and Guides for the Use of Students in certain Courses of Instruction.

\*\*\* The works recorded here have not the official character of university publications, but are prepared by instructors or students in the respective courses.

History 13 and 17. Topical outline of the courses in constitutional and political history of the United States given at Harvard College in the academic year 1889-90. By Albert Bushnell Hart. Part I. (1783-1829) and part II. (1829-61). Cambridge. Wheeler. 1890. 8°. pp. 267.

Pamphlet for the use of students in courses History 13, 14, and 27 (History of the United States) given at Harvard College in the academic year 1890-91. Cambridge. Wheeler. 8°. pp. 50.

Cases on criminal law. A collection of reported cases on some of the leading heads of the criminal law. By Heman White Chaplin. Prepared for use in the Law School of Harvard University. Boston. 1891.

Cases on evidence. [A list.] For the use of the classes in evidence at the Harvard Law School. By James B. Thayer. Cambridge. 1890. 8°. pp. 21.

#### ARNOLD ARBORETUM.

Annual report of the Director of the Arnold Arboretum [C. S. Sargent] to the President and Fellows of Harvard College, for 1889-90. 1891. 8°. pp. 3.

Reprinted from the President's annual report.

Notes from the Arnold Arboretum. *Garden and Forest*, 1890-91, *passim*.

#### ASTRONOMICAL OBSERVATORY.

Annals of the Astronomical Observatory of Harvard College. Vol. xxiii. 1, xxvi. 1, xxvii., xxx. 2. Cambridge. 1890-91. 4°.

*Contents*: — xxiii. 1. Discussion of observations made with the meridian photometer during the years 1882-88. By Edward C. Pickering, Director, and Oliver C. Wendell, Assistant in the Observatory. Cambridge. 1890. pp. (6), 136, plate 1.

xxvi. 1. Preparation and discussion of the Draper catalogue. By Edward C. Pickering. Cambridge. 1891. pp. xxiv. 192.

xxvii. The Draper catalogue of stellar spectra photographed with the 8-inch Bache telescope as a part of the Henry Draper memorial. Cambridge. 1890. pp. iv., (2), 388, *plate 1*.

xxx. 2. Observations made at the Blue Hill meteorological observatory, Massachusetts, U. S. A., in the year 1890. Under the direction of A. Lawrence Rotch. With appendices containing observations at Boston, and at Blue Hill, during the lustrum 1886-1890. Cambridge. 1890. pp. 77-201.

Variable stars of long period. E. C. Pickering. Cambridge. 1891. 4°. pp. 8, *plate 1*.

Forty-fifth annual report of the Director of the Astronomical Observatory of Harvard College for the year ending October 31, 1890. By Edward C. Pickering. Cambridge. 1890. 8°. pp. 12.

The report includes a list of the scientific articles published by the officers of the Observatory during the year. It is also included in the annual report of the President.

Bulletin of the New England Meteorological Society in coöperation with the Astronomical Observatory of Harvard College, No. 61-83; Oct. 1890-Sept. 1891. 4°.

Issued in monthly numbers. The permanent matter of each Bulletin is electrotyped and published later in the Annals of the Observatory.

#### BOTANIC GARDEN.

Notes from the Botanic Garden. *Garden and Forest*, 1890-91.

Occasional notes concerning new or little-known plants, etc.

#### BUSSEY INSTITUTION.

Bulletin of the Bussey Institution, Jamaica Plain, Boston.

Nothing has been issued within the period covered by this list.

#### DENTAL SCHOOL.

A report of the twentieth anniversary of the Harvard Dental School. March 11, 1889. Published by the Harvard Dental Alumni Association. Boston. 1890. 8°. pp. 69.

#### LAW SCHOOL.

Law School of Harvard University. 12°. pp. 6.

An extract from the report upon the Law School for the year 1889-90, made by the Dean of the Law Faculty to the President of the University, and dated Dec. 12, 1890.

The Harvard Law Review. Vol. iv. 3-8; v. 1, 2. October, 1889-May, 1890.

This Review is published by students of the Law School, and not by the Law Faculty, but it fills the place of an official journal as a medium of publication.

Besides the leading articles each number contains lecture notes from the Law School, summaries of recent cases, reviews, and titles of leading articles in exchanges.

*Contents:*—iv. 3. (October, 1890.) A brief survey of equity jurisprudence. VI. C. C. Langdell. — On contracts in restraint of trade. Amasa M. Eaton. — 4. (November, 1890.) "Law and fact" in jury trials. James B. Thayer. — Total disability in accident insurance. Marland C. Hobbs. — 5. (December, 1890.) The right to privacy. Samuel D. Warren and Louis D. Brandeis. — The police power and inter-state commerce. William R. Howland. — 6. (January, 1891.) Poles and wires in the streets for the electric railway. Edward Q. Keasbey. — Land transfer reform. The Australian system. John T. Hassam. — Land transfer reform. Suggestions as to the question of constitutionality. H. W. Chaplin. — 7. (February, 1891.) The doctrine of Price v. Neal. J. B. Ames. — The case of *Gelpcke v. Dubuque*. James B. Thayer. — On certain cases analogous to trade-marks. Grafton Delany Cushing. — 8. (March, 1891.) Agency. I. O. W. Holmes, Jr. — The true meaning of the term "liberty" in those clauses in the federal and state constitutions which protect "life, liberty, and property." Charles E. Shattuck.



v. 1. (April, 1891.) Agency. II. O. W. Holmes, Jr. — The privilege of witnesses in federal courts against compulsory self-incrimination. Louis M. Greeley. — Constitutional checks upon municipal enterprise. Jabez Fox. — 2. (May, 1891.) The older modes of trial. James B. Thayer. — *Nemo tenetur seipsum prodere.* John H. Wigmore.

### LAWRENCE SCIENTIFIC SCHOOL.

Provisional list of graduates of the Lawrence Scientific School. Cambridge. May, 1891. 8°. pp. 10.

A revised edition with the same title-page, but containing 12 pages, has been issued.

### LIBRARY.

Special publications. II. Index to the subject catalogue of Harvard College Library. Cambridge. 1886-91. pp. iv. 165.

Prepared by W. C. Lane, Assistant Librarian.

Harvard University bulletin, no. 47-49. Vol. vi. 3-5. Oct. 1890—May, 1891.

*Contents (besides the list of Accessions, the votes of the Corporation and the Overseers, and the Necrology):* — 47. Bibliography of Beaumont and Fletcher. A. C. Potter. pp. 151-158. — 48. Index to recent reference lists. No. 4. W. C. Lane. pp. 196-218. — 49. Orators and poets of Phi Beta Kappa. W. H. Tillinghast. pp. 265-270.

Bibliographical contributions. Edited by Justin Winsor. In part republished from the Bulletin of Harvard University. The following numbers have been issued since Sept. 1890: —

39. ALFRED CLAGHORN POTTER. A bibliography of Beaumont and Fletcher. 1890. pp. 20.

40. WILLIAM COOLIDGE LANE. Index to recent reference lists. No. IV. 1890. 1891. pp. 25.

41. WILLIAM HOPKINS TILLINGHAST. Seventh list of the publications of Harvard University and its officers, with the chief publications on the University. 1891. pp. 32.

42. WILLIAM HOPKINS TILLINGHAST. The orators and poets of Phi Beta Kappa, Alpha of Massachusetts. 1891. pp. 8.

Thirteenth report (1890) of Justin Winsor, librarian of Harvard University. 8°. pp. 14.

Included in the annual report of the President, and also printed separately.

### MEDICAL SCHOOL.

Medical publications. Harvard Medical School. 1890. 8°.

Consists of separate papers bound together and provided with a title-page.

*Contents:* — The sternum as an index of sex, height, and age. Thomas Dwight. — Irregular union of the first and second pieces of the sternum in man and apes. Thomas Dwight. — Observations on the steadiness of the hand and on static equilibrium. W. N. Bullard and E. G. Brackett. — An experimental investigation of strychnine poisoning. Robert W. Lovett. — The physique of women in Massachusetts. H. P. Bowditch. — The movements of the lower jaw. Charles E. Luce. — The anti-bacterial action of iodoform. J. Amory Jeffries. — Valves in the veins of the human intestines. W. S. Bryant. — Effects of varying rates of stimulation on the action of the recurrent laryngeal nerves. Franklin H. Hooper. — On the sterilization of milk and foods for infants. J. Amory Jeffries. — The reinforcement and inhibition of the knee-jerk. H. P. Bowditch. — Voluntary control of the heart. Edward Allen Pease. — How far may a cow be tuberculous before her milk becomes dangerous as an article of food? Harold C. Ernst. — Ueber den Nachweis der Unermüdlichkeit der Säugethiernerven. H. P. Bowditch. — The closure of the cranial sutures as a sign of age. Thomas Dwight. — Méthode de démonstration des mouvements laryngiens. Franklin H. Hooper. — The knee-jerk and its physiological modifications. H. P. Bowditch and J. W. Warren. — A case of fracture of the temporal bone, with remarks on trephining for fracture of the base of the skull. J. Collins Warren. — Demonstration of pathological specimens. Harold C. Ernst.

## MUSEUM OF COMPARATIVE ZOÖLOGY.

Memoirs of the Museum of Comparative Zoölogy at Harvard College.

Nothing published within the period covered by this list.

Bulletin of the Museum of Comparative Zoölogy at Harvard College, in Cambridge. Vol. xvi. (Geological series, vol. ii.), 10; xx. 3-8; xxi. 1-5.

*Contents:* — xvi. 10. Metamorphism of clastic feldspar in conglomerate schist. J. E. Wolff. pp. 173-183, *plates* 2. (Sept. 1891.)

xx. 3. Preliminary account of the fossil mammals from the White River and Loup Fork formations, contained in the Museum of Comparative Zoölogy. Part II. Carnivora and Artiodactyla. W. B. Scott. Perissodactyla. Henry F. Osborn. pp. 65-100, *plates* 3. (Nov. 1890.) — 4. *Cristatella*: the origin and development of the individual in the colony. C. B. Davenport. pp. 101-152, *plates* 11. (Nov. 1890.) — 5. The eyes in blind crayfishes. G. H. Parker. pp. 153-161, *plate* 1. (Nov. 1890.) — 6. Notice of *Calamoerinus diomedae*, a new stalked crinoid from the Galapagos, dredged by the U. S. Fish Commission steamer "Albatross," Lieut.-Commander Z. L. Tanner, U. S. N., commanding. Alexander Agassiz. pp. 164-167. (Dec. 1890.) — 7. The origin and development of the central nervous system in *Linax maximus*. Annie P. Henchman. pp. 169-208, *plates* 10. (Dec. 1890.) — 8. The parietal eye in some lizards from the western United States. W. E. Ritter. pp. 209-228, *plates* 4. (Jan. 1891.)

xxi. 1. Contributions to the morphology of Turbellaria. I. On the structure of *Phagocata gracilis*, Leidy. W. M. Woodworth. pp. 1-42, *plates* 4. (April, 1891.) — 2. The compound eyes in crustaceans. G. H. Parker. pp. 45-140, *plates* 10. (May, 1891.) — 3. On some points in the anatomy and histology of *Sipunculus nudus*, L. Henry B. Ward. pp. 143-182, *plates* 3. (May, 1891.) — 4. Three letters from Alexander Agassiz to the Hon. Marshall McDonald, on the dredging operations off the west coast of Central America to the Galapagos, to the west coast of Mexico, and in the Gulf of California, carried on by the U. S. Fish Commission steamer "Albatross." pp. 183-199. (June, 1891.) — 5. The development of the pronephros and segmental duct in Amphibia. Herbert H. Field. pp. 201-340, *plates* 8.

Annual report of the Curator [Alexander Agassiz] of the Museum of Comparative Zoölogy at Harvard College, to the President and Fellows of Harvard College, for 1889-90. Cambridge. 1890. 8°. pp. 32, *folding plate* 1.

This pamphlet contains, beside the main report of the Curator, which is also included in the report of the President, special reports by officers of the Museum on the departments placed under their charge respectively, and lists of the publications of the Museum and its officers.

## PEABODY MUSEUM OF AMERICAN ARCHAEOLOGY AND ETHNOLOGY.

Archaeological and ethnological papers of the Peabody Museum, Harvard University. Vol. i. 2, 3. Cambridge. 1891.

*Contents:* — i. 2. The Karankara Indians, the coast people of Texas. Albert S. Gatschet. With notes by Charles A. Hammond and Alice W. Oliver and a vocabulary obtained from Alice W. Oliver. pp. viii. 103 (69-167). — 3. The atlatl or spear thrower of the ancient Mexicans. Zelia Nuttall. pp. 30 (171-198), *plates* 3.

Twenty-third and twenty-fourth annual reports of the Trustees of the Peabody Museum of American Archaeology and Ethnology, in connection with Harvard University. Presented to the President and Fellows of Harvard College. 1889 and 1890. Vol. iv. nos. 3, 4. Cambridge. 1891. 8°. pp. 61-110.

Contains abstracts from the records by the Secretary, Henry Wheatland, reports of the Curator, F. W. Putnam, and reports of the Treasurer, Francis C. Lowell.

# SCIENTIFIC PAPERS FROM THE LABORATORIES AND SPECIAL DEPARTMENTS OF THE UNIVERSITY.

\* \* \* These papers represent work done in the laboratories or departments, but are not necessarily written by officers of the University, or issued as official publications of the University or the departments. Papers by officers of the University are not mentioned, as a rule, unless they occur in a series having a general title.

## Contributions from the Astronomical Observatory.

Professor EDWARD C. PICKERING, *Director*.

Stars having peculiar spectra, including new variable stars in Triangulum and Hydra. By M. Fleming. *Astron. Nachrichten*, cxxvi. 117.

Stars having peculiar spectra. By M. Fleming. *Ibid.* cxxvi. 165.

Stars having peculiar spectra. New variable stars in Perseus, Triangulum, and Hydra. By M. Fleming. *Sidereal Messenger*, x. 7.

Astronomical expedition to Peru. By M. Fleming. *Ibid.* x. 105.

Stars having peculiar spectra. New variables in Aquarius and Delphinus. By M. Fleming. *Ibid.* x. 106.

New variable star in Camelopardalis. By M. Fleming. *Ibid.* x. 152.

The new red star in Auriga. By M. Fleming. *English Mechanic*, liii. 50.

Objects of interest on spectrum plates and two new variable stars in Perseus. By M. Fleming. *Astron. Nachrichten*, cxxvi. 163.

Stars having peculiar spectra. New variable stars in Aquarius, Delphinus, and Camelopardalis. By M. Fleming. *Ibid.* cxxvii. 5.

New planetary nebula. DM.  $-12^{\circ} 1172$ . By M. Fleming. *Sidereal Messenger*, x. 240.

Stars having peculiar spectra. New variable star in Sagittarius. R. A.  $19^{\text{h}} 51.8^{\text{m}}$ . Dec.  $-42^{\circ} 7'$ . By M. Fleming. *Astron. Nachrichten*. cxxviii. 11.

Stars having peculiar spectra. New variable star in Lacerta. DM.  $+39^{\circ} 4851$ . By M. Fleming. *Ibid.* cxxviii. 121.

## Contributions from the Chemical Laboratory of Harvard College.

Professor JOSIAH P. COOKE, *Director*.

A new meteoric iron from Stutsman county, North Dakota. Oliver Whipple Huntington. *Proc. Am. Acad.* xxv. 229-232, plate 1, cut.

On chlorsulphopyromucic acids. Henry B. Hill and Walter S. Hendrixson. *Ibid.* xxv. 283-295.

The prehistoric and Kiowa county pallasites. Oliver Whipple Huntington. *Ibid.* xxvi. 1-12, plates 3.

On the products obtained by the action of nitric acid upon bromtrinitrophenylmalonic ester. C. Loring Jackson and W. B. Bentley. *Ibid.* xxvi. 67-97.

Notes on tribrommononitrobenzol. C. Loring Jackson and W. B. Bentley. *Ibid.* xxvi. 98-101.

A revision of the atomic weight of copper. Fourth paper. Theodore W. Richards. *Ibid.*

The reactions of sodic alcoholates with tribrom-dinitro-benzene and tribrom-trinitro-benzene. C. Loring Jackson and W. H. Warren. *Am. Chem. Journal*, March, 1891; xiii. 164-193.



## Contributions from the Cryptogamic Laboratory of Harvard College.

Under the direction of Professor WILLIAM G. FARLOW.

xiv. Preliminary notes on the species of *Doassansia*, Cornu. William Albert Setchell. Reprinted from *Proc. Am. Acad.* xxvi. 13-19.

xv. On the structure and development of *Choreocolax polysiphoniae*, Reinsch. Herbert Maule Richards. Reprinted from *Proc. Am. Acad.* xxvi. 46-63, plates 2.

xvi. On a kephir-like yeast found in the United States. Charles L. Mix. Reprinted from *Proc. Am. Acad.* xxvi. 102-114.

xvii. Concerning the life-history of *Saccorhiza dermatodea* (De la Pyl.). J. Ag. William Albert Setchell. Reprinted from *Proc. Am. Acad.* xxvi. 177-217, plates 2.

Notes on *Corticium Oakesii*, B. & C., and *Michenera Artocreas*, B. & C. George James Peirce. *Bull. Torrey Botan. Club*, 9 Dec. 1890; xvii. 301-310, plate 1. (Issued without a number.)

A consecutive numbering for this series was not adopted until the fifth number was issued. As several later numbers have been recorded in these Lists without serial numbers the following resumé is given:—

i.-viii. See Fourth list of publications (1886-87), p. 8.

ix. Notes on the genus *Taphrina*. Benjamin L. Robinson. *Annals of Botany*, Nov. 1887; ii. 163-176. (This paper has not been recorded in any previous List.)

x. See Fifth list of publications (1887-88), p. 9, where it is recorded without number. (In its separate form this paper was numbered, incorrectly, ix.)

xi., xii., xiii. See Seventh list of publications (1889-90), p. 9, where the papers are not numbered and are arranged incorrectly. They should run: xi. Sturgis; xii. Setchell; xiii. Richards.

Unnumbered: See Sixth list of publications (1888-89), p. 8.

## Papers from the Laboratory of Physical Geography of Harvard College.

Under the direction of Professor WILLIAM M. DAVIS.

v. Professor Russell's theory of cold waves. S. M. Ballou. 8°. pp. 14.

Earlier numbers in this series: 1. Causes of anticyclonic cold in winter. W. R. Dewey. *Am. Met. Journal*, 1886; iii. 25-32. — 2. Water-spouts in the Gulf Stream in winter. H. B. Gibson. *Ibid.* pp. 119-127. — 3. Ferrel's convectional theory of tornadoes. W. M. Davis and C. E. Curry. *Ibid.* 1889-90. pp. 337-349. — 4. A general account of land and sea breezes. W. M. Davis and R. DeC. Ward. *Ann. Astron. Observ. Harv. Coll.* 1890; xxii. pt. 2, 215-238.

## Contributions from the Zoölogical Laboratory of the Museum of Comparative Zoölogy.

Under the direction of Professor EDWARD L. MARK.

xix. *Cristatella*: the origin and development of the individual in the colony. C. B. Davenport. *Bull. Mus. Comp. Zoöl.*, Nov. 1890; xx. 4, pp. 101-151, plates 11, with text.

xx. The eyes in blind crayfishes. G. H. Parker. *Ibid.*, Nov. 1890; xx. 5, pp. 153-162, plate 1, with text.

xxi. The origin and development of the central nervous system in *Limax maximus*. Annie P. Henchman. *Ibid.*, Dec. 1890; xx. 7, pp. 169-208, plates 10, with text.

xxii. The parietal eye in some lizards from the western United States. W. E. Ritter. *Ibid.*, Jan. 1891; xx. 8, pp. 209-228, plates 4, with text.

xxiii. Preliminary notice on budding in Bryozoa. C. B. Davenport. *Proc. Am. Acad.* xxv. 278-282. (Feb. 1891.)

**xxiv.** Contributions to the morphology of the Turbellaria. I. On the structure of *Phagocata gracilis*, Leidy. W. M. Woodworth. *Bull. Mus. Comp. Zool.*, April, 1891; **xxi.** 1, pp. 1-42, *plates 4, with text.*

**xxv.** The compound eyes of crustaceans. G. H. Parker. *Ibid.*, May, 1891; **xxi.** 2, pp. 45-140, *plates 10, with text.*

**xxvi.** On some points in the anatomy and histology of *Sipunculus nudus*, L. Henry B. Ward. *Ibid.*, May, 1891; **xxi.** 3, pp. 143-182, *plates 3, with text.*

**xxvii.** The development of the pronephros and segmental duct in Amphibia. Herbert H. Field. *Ibid.*, June, 1891; **xxi.** 5, *plates 8, with text.*

#### THE DUDLEIAN LECTURE.

Revealed religion. Dupleian lecture delivered in Appleton Chapel, 23 Oct. 1890, by Rt. Rev. John J. Keane. *Pilot* (Boston), 1 Nov. 1890.

#### PUBLICATIONS OF HOLDERS OF FELLOWSHIPS AT HARVARD UNIVERSITY.

##### John Henry Gray.

*Rogers Fellow.*

The German economic association (Verein für sozial-politik). *Annals Acad. Polit. and Social Sci.*, Jan. 1891; **i.** 515.

##### Maxime Bôcher.

*Parker Fellow.*

Ueber die Reihenentwickelungen der potential theorie; von der philosophischen Facultät der Universität Göttingen gekrönte Preisschrift. Göttingen. 1891. 4°. pp. 66.

##### August Frederic Foerste.

*Parker Fellow.*

Notes on Clinton group fossils, with special reference to collections from Indiana, Tennessee, and Georgia. *Proc. Boston Soc. Nat. Hist.*, May, 1889; **xxiv.** 263-355, *plates 5.*

Botanical Notes. *Bull. Torrey Bot. Club*, Oct. 1889; **xvi.** 266-268, *plate 1.*

On the Clinton oölitic iron ores. *Am. Journ. Sci.*, Jan. 1891; **3d series**, **xli.** 28, 29.

##### Herman Wadsworth Haley.

*Parker Fellow.*

Quaestiones Petronianae. *Harvard studies in Class. Philol.*, 1891; **ii.** 1-40.

##### Louis Lincoln Jackson.

*Parker Fellow.*

Die Phenylhydrazinverbindungen des Succinylbernsteinsäureäthers. With Adolf Baeyer and R. Jay. *Ber. d. deutsch. chem. Gesell.* **xxiv.** 14, 2690.

##### Henry Baldwin Ward.

*Morgan Fellow.*

On some points in the anatomy and histology of *Sipunculus nudus*, L. *Bull. Mus. Comp. Zool.*, May, 1891; **xxi.** 3, pp. 143-183, *plates 3.*

**Herman Vandenburg Ames.***Ozias Goodwin Memorial Fellow.*

Amendments to the constitution of the United States. A paper read before the seventh annual meeting of the American Historical Association at Washington, D. C., 29-31 Dec. 1891. *Papers Am. Hist. Assoc.*, vol. v., pt. 4, pp. 19-29.

**William Edward Burghardt DuBois.***Henry Bromfield Rogers Memorial Fellow.*

Does education pay? A lecture delivered before the National Colored League, Boston, 10 March, 1891. *Boston Courant*, 21, 28 March, 4, 11 April, 1891.

Harvard themes. *Ibid.*, weekly, June, 1890—October, 1891.

**COLLEGE PAPERS, etc.**

The Daily Crimson. Vol. xviii., xix. September 25, 1890—June 19, 1891.

The Harvard Advocate. Vol. I., li. October 1, 1890—June 19, 1891. *Fortnightly*.

The Harvard Lampoon. Second series. Vol. xx., xxi. October 24, 1890—June 19, 1891. *Fortnightly*.

The Harvard Monthly. Vol. xi., xii. October, 1890—July, 1891.

The Harvard Portfolio, 1890-91. An annual illustrated record of men and events of permanent interest to Harvard students. Vol. II. Cambridge. Published by students of Harvard University. pp. (10), plates 23, with text.

Edited by W. H. Wiggin, Jr., and E. L. Kenyon.

The Harvard Index for 1890-91. A university directory. Vol. xvii. Complete athletic, base-ball, foot-ball and boating records and lists of the officers and members of the college societies. Boston. 1890. 12°. pp. 268.

Edited by W. R. Bigelow and C. A. Hight.

**COMMENCEMENT ESSAYS.**

Harvard commencement essays. I. The Harvard senior. By Henry R. Gledhill. — II. Edward Rowland Sill. By Charles W. Willard. — III. A remedy for American philistinism. By Charles Lewis Slattery. *New England Magazine*, August, 1891; n. s. vol. iv. 736-742.

**CLASS REPORTS.**

1860. Report of the Class of 1860. 1880-1890. Printed for the use of the class. Boston. 1891. 8°. pp. 120, plate 1.

The class secretary is F. M. Weld.

1866. The eighth secretary's report of the Class of 1866, of Harvard College. June, 1886—June, 1891. Printed for the use of the class. Boston. 1891. 8°. pp. 61.

The class secretary is C. E. Stratton.

1875. Harvard College. Class of 1875. Secretary's report. No. VI. 1875-1891. 8°. pp. 125.

The class secretary is W. A. Reed.

1890. Harvard College. Class of 1890. Secretary's report. No. I. Cambridge. 1891. 8°. pp. 148.

The class secretary is J. W. Lund.

1829. The latest poems of the Class of 1829. 1882-1889. [Part III.]. 8°. pp. 201-232.

## COLLEGE SOCIETIES.

The present and future of Harvard College. An address delivered before the Phi Beta Kappa Society at Cambridge, Mass., June 25, 1891, by William Watson Goodwin. Boston. Ginn & Co. 1891. 8°. pp. 42.

Poem delivered by Henry G. Chapman before the Phi Beta Kappa Society of Harvard University, June 25, 1891. 8°. pp. 12.

The orators and poets of Phi Beta Kappa, Alpha of Massachusetts. By William Hopkins Tillinghast. Cambridge. 1891. 8°. pp. 8.

Bibliographical contributions of Harvard College Library, No. 42.

Eleventh catalogue of the officers and members of the Hasty Pudding Club in Harvard College. Containing a brief sketch of the club and an index of names. Cambridge. 1891. 16°. pp. 301.

Catalogue of the officers and members of the Harvard Law School Association. April 1, 1891. Boston. 1891. 8°. pp. 103, *plates* 2.

University extension at Harvard. Prospect Progressive Union. [April, 1891.] 8°. pp. (3).

First annual report of the graduate treasurer [of the athletic associations of Harvard University] for the year ending September 30, 1890. Boston. 1890. 16°. pp. 23.

William Hooper, graduate treasurer.

What can ethics do for us? An address given before the Philosophical Club of Harvard University, Sanders Theatre, March 27, 1890. Wm. Mackintire Salter. Chicago. C. H. Kerr & Co. 1891. 12°. pp. 32.

The mental element in the treatment of disease. Prize essay of the Boylston Medical Society of Harvard University, 1891. By Edward Wyllys Taylor. Boston. 1891. 8°. pp. 31.

Association hand-book presented by the Young Men's Christian Association (Society of Christian Brethren) of Harvard University, 1891-92. [Cambridge. 1891.] 18°. pp. 40.

Harvard's better self. By William Reed Bigelow. Reprinted from New England Magazine for December, 1890. Published at 86 Federal St., Boston. 8°. pp. 8.

Reprinted and distributed by the Young Men's Christian Association of Harvard University.



## PUBLICATIONS OF THE OFFICERS.

\* \* For the purpose of completing the record, a few articles omitted from former lists are inserted here.

### Alexander Agassiz.

*Curator of the Museum of Comparative Zoölogy.*

1. Notice of Calamocerinus diomedae, a new stalked crinoid, dredged by the U. S. Fish Commission steamer "Albatross." *Bull. Mus. Comp. Zool.* Dec. 1890; xx. no. 6. pp. 164-167.
2. Three letters to the Hon. Marshall McDonald, United States Commissioner of Fish and Fisheries, on the dredging operations off the west coast of Central America to the Galapagos, to the west coast of Mexico, and in the Gulf of California, in charge of Alexander Agassiz, carried on by the U. S. Fish Commission steamer "Albatross," Lieut.-Commander Z. L. Tanner, U. S. N., commanding. *Ibid.* June, 1891; xx. no. 8. pp. 185-200.
3. Report as Curator of the Museum of Comparative Zoölogy at Harvard College. 1889-90. Cambridge. 1890.
4. Edited the Memoirs and the Bulletin of the Museum of Comparative Zoölogy. See Official publications: Museum of Comparative Zoölogy.
5. Sundry reviews and notices in *Nature*, the *American Journal of Science*, and *Nation*.

### Frederic DeForest Allen.

*Professor of Classical Philology.*

1. [Review of] H. T. Peck's "Latin Pronunciation." *Class. Rev.* v. 60, 61.
  2. Gajus or Gaius? *Harv. Studies in Class. Philol.* 1891; ii. 71-87.
  3. The Prometheus bound of Aeschylus, and the fragments of Prometheus unbound. With introduction and notes by N. Wecklein, translated by F. D. Allen. Boston, etc. Ginn & Co. 1891. 12°. pp. 178.
- College Series of Greek Authors.

### James Barr Ames.

*Bussey Professor of Law.*

1. The doctrine of Price v. Neal. *Harv. Law Rev.* Feb. 1891; iv. 297-310.

### Henry Clay Badger.

*Curator of Maps.*

1. Our Antioch ideals. *Spirit and Life*, Oct., Nov. 1890.
2. Harvard College charter changes: how one good school got under weigh. *Ibid.* Jan. 1891.

3. How unbound maps are kept at Harvard College Library. *Library Journ.* March, 1891.
  4. Ivanoff. *Spirit and Life*, March, April, May, 1891.
  5. The gospel according to Herbert Spencer. *Unitarian Rev.* June, 1891; xxxv. 462-474.
- This article, somewhat enlarged, was issued separately under the following title:
6. Mr. Savage's unitarian catechism: its philosophy. 8°. pp. 23.
  7. The triumph of unitarianism. *Boston Evening Transcript*, 6 June, 1891.

### George Pierce Baker.

*Instructor in English.*

1. The children of Paule's. *Harvard Mo. May*, 1891; xii. 85-98.

### William Henry Baker.

*Professor of Gynaecology.*

1. Fibro-sarcoma of both ovaries; coeliotomy; recovery. *Boston Med. and Surg. Journ.* 2 April, 1891; cxxiv. 335, 336.
2. Small sub-serous fibroids of uterus the occasion of great intolerance of the bladder. *Ibid.* 20 Aug. 1891; cxxv. 189, 190.
3. Cancer of the cervix uteri. Result in its treatment by high amputation. Philadelphia. 1891. 8°. pp. 38.

Reprinted from the *Transactions of the American Gynecological Association*, Sept. 1891.

### Joseph Henry Beale, Jr.

*Lecturer on the Law of Damages.*

1. A treatise on the measure of damages, by Theodore Sedgwick. Eighth edition. Revised, rearranged, and enlarged by Arthur G. Sedgwick and Joseph H. Beale, Jr. New York. Baker, Voorhis & Co. 1891. 3 vols. 8°.

### Clarence John Blake.

*Professor of Otolology.*

1. Boston hospitals. A lecture delivered before the Thursday Evening Club. *Boston Med. and Surg. Journ.* 5 March, 1891; cxxiv. 225-229.
- "Plan of Boston showing positions of hospitals" inserted.
2. Otolgia. *Ibid.* 13 Aug. 1891; cxxv. 165, 166.
  3. Mastoid cases. *Trans. Am. Otolological Soc.* 23 Sept. 1891.

**Frank Bolles.***Secretary of the University.*

1. Harvard University. A brief statement of what Harvard University is, how it may be entered and how its degrees may be obtained. Cambridge. March, 1891. 8°. pp. 56.
2. Names and addresses of living bachelors and masters of arts and of the holders of honorary degrees of Harvard University. 1891. (Third year.) Cambridge. March, 1891. 8°. pp. 117.
3. Aid Funds, 1891-92. Cambridge. Sept. 1891. 12°. pp. 22.
- 4-14. "The O. W. L. letters," in the *Boston Post*:  
—4. Sunday in the snow. Jan. 13, 1891. —  
5. Sunday in the ice. Jan. 21. —6. A storm,  
Jan. 29. —7. A foretaste of spring. Feb. 3.  
—8. A Sunday by the sea. Feb. 10. —9.  
Two views through winter sunshine. Feb.  
17. —10. Waverley oaks and Bussey hem-  
locks. Feb. 24. —11. Winchester hills and  
Lincoln hollows. March 3. —12. The minute  
man in a snow drift. March 10. —13. The  
coming of the birds. March 21. —14. A  
day in early spring. March 30.
15. Sapsucking woodpeckers and forest trees.  
*Garden and Forest*, 15 April, 1891.
16. Yellow-bellied woodpeckers and their uninvited  
guests. *The Auk*, July, 1891; viii. 256-270.  
Also reprinted separately.
17. Edited the Harvard University Calendar, nos.  
338-374. Oct. 1890—June, 1891.

**Henry Pickering Bowditch.***Professor of Physiology, and Dean of the Medical Faculty.*

1. The growth of children studied by Galton's method of percentile grades. *Twenty-second Rept Mass. State Board of Health*. (1890.) Boston. 1891. pp. 479-522.

**Charles Albert Brackett.***Professor of Dental Pathology.*

1. Concerning third molars. *Internat. Dental Journ.* Jan. 1891; xii. 10.

Read before the American Academy of Dental Science, March 5, 1890.

**Edward Hickling Bradford.***Instructor in Surgery and Orthopedics.*

1. The treatment of deformities of spastic paralysis. *Boston Med. and Surg. Journ.* 25 Sept. 1890; cxxiii. 303.
2. The treatment of lateral curvature. (Abstract.) *Ibid.* 2 Oct. 1890; cxxiii. 327.
3. The surgical treatment of spastic paralysis in children. *Ibid.* 20 Nov. 1890; cxxiii. 485-487.
4. Hugh Owen Thomas. *Ibid.* 22 Jan. 1891; cxxiv. 103.

5. Two cases of spina bifida. *Ibid.* 9 April 1891; cxxiv. 352-354, *illustr.*
6. Cerebellar tumor; operation; haemorrhage from defect of occipital bone; death; general remarks. *Ibid.* 30 April, 1891; cxxiv. 421-426, *illustr.*

**William Brewster.***Assistant in Ornithology and Mammalogy at the Museum of Comparative Zoölogy.*

1. Summer robin roosts. *The Auk*, Oct. 1890; vii. 360-373.
2. A new subspecies of the solitary sandpiper. *Ibid.* pp. 377-379.
3. Breeding of the pileated woodpecker in Worcester Co., Mass. *Ibid.* pp. 400, 401.
4. A study of Florida Gallinules, with some notes on a nest found at Cambridge, Mass. *Ibid.* Jan. 1891; viii. 1-7.
5. Notes on the birds of the Lower Suwanee River. With F. M. Chapman. *Ibid.* April, 1891; viii. 125-135.
6. Description of seven supposed new North American birds. *Ibid.* pp. 139-149.  
Also issued separately, 17 Feb. 1891.
7. Notes on Bachman's warbler (*Helminthophila Bachmani*). *Ibid.* pp. 149-157.
8. The whistling swan in Massachusetts. *Ibid.* p. 232.
9. *Megascops asio macfarlanei*; a correction. *Ibid.* p. 237.
10. The woodcock's whistle. *Forest and Stream*, 25 Dec. 1890; xxv. 453, 454.

Mr. Brewster is a member of the committee on publication of *The Auk*.

**Edward Cornelius Briggs.***Assistant Professor of Dental Materia Medica and Therapeutics.*

1. Removal of the pulp by the use of cocaine. *Internat. Dental Journ.* May, 1891; xii. 296.

**LeBaron Russell Briggs.***Professor of English, and Dean of Harvard College.*

1. Original charades. New York. Charles Scribner's Sons. 1891. 18°. pp. (4), 72.

Three of the charades appeared in *Scribner's Magazine*, Jan. 1891; ix. 106, and three more in the same periodical, Feb. 1891; ix. 195.

**William Sohler Bryant.***Assistant in Anatomy.*

1. Observations on the topography of the normal human tympanum. *Archives of Otology*, xix. no. 4, p. 217.

**Edward Marshall Buckingham.***Instructor in the Diseases of Children.*

1. Influenza in the out-patient service of the Boston City Hospital. *Boston Med. and Surg. Journ.* 9 Oct. 1890; cxxiii. 343-345.



**Herbert Leslie Burrell.**

*Assistant in Clinical Surgery, and Demonstrator of Surgical Appliances.*

- 1, 2. Report on the recent progress of surgery. With H. W. Cushing, M.D. *Boston Med. and Surg. Journ.* 2 Oct. 1890, 9, 16, 23 April, 21 May, 2 July, 1891; cxxiii. 319, 324, cxxiv. 357, 383, 407, 506, cxxv. 12.

**Arthur Tracy Cabot.**

*Clinical Instructor in Genito-urinary Surgery.*

1. Bigelow as a surgeon. *Boston Med. and Surg. Journ.* 27 Nov. 1890; cxxiii. 510, 511.
2. Notes on the non-operative treatment of enlarged prostate. *Ibid.* 4 Dec. 1890; cxxiii. 529-532.
3. Another successful case of uretero-lithotomy. *Ibid.* 25 Dec. 1890; cxxiii. 613, 614.
4. A case of relapsing appendicitis in which the appendix was removed in an interval between the attacks; with recovery. *Ibid.* 15 Jan. 1891; cxxiii. 57, 58.

**Montague Chamberlain.**

*Recorder.*

1. The birds of Greenland. By Andreas T. Hagerup. Translated from the Danish by Frimann B. Arngrimson. Edited by Montague Chamberlain. Boston. Little, Brown & Co. 1891. 8° pp. viii. 62.

**Heman White Chaplin.**

*Lecturer on Criminal Law.*

1. Cases on criminal law. A collection of reported cases on some of the leading heads of the criminal law. Prepared for use in the Law School of Harvard University. Boston. 1891.
2. Land transfer reform. Suggestions as to the question of constitutionality. *Harv. Law Rev.* Jan. 1891; iv. 280-282.

**David Williams Cheever.**

*Professor of Surgery.*

1. Is the study of medicine a liberal profession? *Boston Med. and Surg. Journ.* 16 April, 1891; cxxiv. 373-375.
2. A case of compound dislocation of the hip. *Ibid.* 28 May, 1891; cxxiv. 523, 524, *cut.*

**Frederick Edward Cheney.**

*Instructor in Ophthalmology at the School of Veterinary Medicine.*

1. Some practical points in the differential diagnosis of iritis and conjunctivitis. *Boston Med. and Surg. Journ.* 4 June, 1891; cxxiv. 554.

**Francis James Child.**

*Professor of English.*

1. The English and Scottish popular ballads. Part VII. Boston. Houghton, Mifflin & Co. 1890. 4° pp. (6), 1-254.

**William Morse Cole.**

*Instructor in Political Economy.*

1. Coöperative insurance and endowment schemes. *Quart. Journ. Economics*, July, 1891; v. 466-489.

**William Merritt Conant.**

*Assistant Demonstrator of Anatomy.*

1. Cysts of the labium. *Boston Med. and Surg. Journ.* 4 June, 1891; cxxiv. 549, 550.

**Josiah Parsons Cooke.**

*Erving Professor of Chemistry and Mineralogy; Director of the Chemical Laboratory.*

1. Report as Director of the Chemical Laboratory. *Annual Reports of the President*, etc. 1889-90; pp. 172-181.
2. A plea for liberal culture. Cambridge. John Wilson & Son. 1890. 16° pp. 33.

Contains a Memorial to the Board of Overseers of Harvard College in opposition to the proposed reduction of the college course, and a Lecture delivered before the Freshman class of Harvard College, 25 Sept. 1890.

3. Report of the Director of the Chemical Laboratory to the visiting committee of the Overseers. 2 March, 1891. 8° pp. 41-57.
4. Laboratory practice. A series of experiments on the fundamental principles of chemistry. A companion to "The new chemistry." New York. D. Appleton & Co. 1891. 12° pp. 2, 191.
5. Professor Cooke edits the *Proceedings of the American Academy of Arts and Sciences*, and is an associate editor of the *American Journal of Science*.

**William Parker Cooke.**

*Clinical Lecturer in Operative Dentistry.*

1. Formations in the pulp-cavity. *International Dental Journ.* Dec. 1890; xi. 725.

**Edward Cowles.**

*Clinical Instructor in Mental Diseases.*

1. Seventy-third annual report of the McLean Asylum for the Insane for the year 1890. *Annual report Mass. Gen'l Hosp. for 1890.* Boston. L. Barta & Co. 8° pp. 42-71.
2. The mechanism of insanity. Parts II. and III. *Am. Journ. Insanity*, April, July, 1891; pp. 471-495, 43-70.

3. Neurasthenia and its mental symptoms. The Shattuck Lecture for 1891. *Med. Communications Mass. Med. Society*, 1891; xv. ii. 287-388. — *Boston Med. and Surg. Journ.* 16, 23, 30 July, 6, 13, 20, 27 August, 1891; cxxv. 49, 73, 97, 125, 153, 181, 209.

Also issued separately: Boston. David Clapp & Son. 1891. 8°. pp. 105.

### Elbridge Gerry Cutler.

*Instructor in the Theory and Practice of Physic.*

1. A case of multiple neuritis due to arsenic. *Boston Med. and Surg. Journ.* 13 Nov. 1890; cxxiii. 463.
2. A case of pseudo-muscular hypertrophy in an adult. *Ibid.* 13 Nov. 1890; cxxiii. 465.
3. An unsuccessful case of digital dilatation of the pylorus for cicatricial stenosis. With M. H. Richardson. *Ibid.* 18 Dec. 1890; cxxiii. 581, 582.

### Charles Benedict Davenport.

*Assistant in Zoölogy.*

1. Cristatella: the origin and development of the individual in the colony. *Bull. Mus. Comp. Zool.* Nov. 1890; xx. no. 4, pp. 101-151, plates 11.
2. Preliminary notice on budding in Bryozoa. *Proc. Am. Acad.* vol. xxv. 278-282.

Contributions from the Zoölogical laboratory of the Museum of Comparative Zoölogy at Harvard College, xix., xxiii.

### Francis Henry Davenport.

*Instructor in Gynaecology.*

1. Semi-annual report of the progress in gynecology. *Boston Med. and Surg. Journ.* 2 April, 1891; cxxiv. 334, 335.
2. Some forms of amenorrhoea and their treatment. *Ibid.* 16 April, 1891; cxxiv. 380-382.
3. A case of incontinence of urine due to malposition of the ureter. *Trans. Am. Gynecological Soc.* 1890; xv. 343.

### William Morris Davis.

*Professor of Physical Geography.*

1. Two belts of fossiliferous black shale in the triassic formation of Connecticut. With S. W. Loper. *Bull. Geol. Soc. America*, 1891; ii. 415-430.
2. Dr. Haun's studies on cyclones and anti-cyclones. *Science*, 2 Jan. 1891; xvii. 4, 5.
3. The geographical exhibition of the Brooklyn Institute. *Nation*, 26 March, 1891; lii. 257.
- 4-6. Abstracts of three lectures delivered at Johns Hopkins University in January, 1891:—4. Tornadoes, a story of a long inheritance.—5. The physical geography of southern New England.—6. The triassic sandstones of the Connecticut valley. *Johns Hopkins Univ. Circulars*, April, 1891.

7. European weather predictions. *Am. Met. Journ.* June, 1891; viii. 53-58.
8. The story of a long inheritance. *Atlantic Mo.* July, 1891; lxviii. 68-78.
9. The geological dates of origin of certain topographic forms on the Atlantic slope of the United States. *Bull. Geol. Soc. America*, 1891; ii. 541-586.
10. The geographical exhibition. *Appalachia*, July, 1891; vi. 235-241.
11. Edited Papers from the Laboratory of Physical Geography. See p. 11.

### Frank Winthrop Draper.

*Professor of Legal Medicine.*

1. Recent progress in legal medicine. *Sajous' Annual of the Universal Med. Sciences*, 1891; iv. sect. J.
2. Carbolic acid poisoning. An illustrative case. *Boston Med. and Surg. Journ.* 1 Jan. 1891; cxxiv. 11, 12.
3. A case of tubal pregnancy, with rupture and fatal haemorrhage at an early stage. *Ibid.* 8 Jan. 1891; cxxiv. 28, 29.
4. Recent progress in legal medicine. *Ibid.* 29 Jan. 1891; cxxiv. 112-114.

### Charles Franklin Dunbar.

*Professor of Political Economy, and Dean of the Faculty of Arts and Sciences.*

1. Chapters on the theory and history of banking. New York, etc. G. P. Putnam's Sons. 1891. sm. 8°. pp. vi. 199.
2. Laws of the United States relating to currency, finance, and banking, from 1789 to 1891. Boston. Ginn & Co. 1891. 8°. pp. 309.
3. The academic study of political economy. *Quart. Journ. Economics*, July, 1891; v. 397-416.
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### Thomas Dwight.

*Parkman Professor of Anatomy.*

1. The scope and the teaching of human anatomy. An introductory lecture to the first class at the Harvard Medical School, delivered Sept. 29, 1890. *Boston Med. and Surg. Journ.* 9 Oct. 1890; cxxiii. 337-340.  
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2. The claim that the merit of introducing ether belongs to the late Dr. Henry J. Bigelow. *Ibid.* 4 Dec. 1890; cxxiii. 553.
3. The first administration of ether. *Ibid.* 8 Jan. 1891; cxxiv. 50.
4. Methods of teaching anatomy at the Harvard Medical School; especially corrosion preparations. *Ibid.* 14 May, 1891; cxxiv. 475-477.

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- 5, 6. Recent progress in anatomy. *Ibid.* 23 Oct. 1890, 4 June, 1891; cxxiii. 390, cxxiv. 554.
7. What is right-handedness? *Scribner's Mag.* April, 1891; ix. 465-476, *illustr.*
- 8, 9. Dr. Andrew D. White's "Warfare of Science." *Boston Med. and Surg. Journ.* 30 July, 3 Sept. 1891; cxxv. 122, 258.

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11. The thorax in infancy. *Ibid.* May, 1891; viii. 321.
12. The abdomen in infancy. *Ibid.* July, 1891; viii. 481.
13. The neck and head in infancy. *Ibid.* Sept. 1891; viii. 641.

### Charles William Eliot.

*President of the University.*

1. The enlargement of Gore Hall. *Harvard Mo.* Nov. 1890; xi. 43-47.
2. Family stocks in a democracy. *Forum*, Dec. 1890; x. 394-409.
3. Education in relation to business affairs. *University Mag.* Dec. 1890, pp. 35-38.
4. Address on the action of the Harvard College Faculty in regard to the three-years course, delivered at the annual meeting of the Classical and High School Association. *Boston Journal*, 4 April, 1891.
5. Annual reports of the President and Treasurer of Harvard College, 1889-90. Cambridge. 1891. 8°.

### John Wheelock Elliot.

*Assistant in Clinical Surgery.*

1. Nephrectomy for pyonephrosis. *Boston Med. and Surg. Journ.* 7 May, 1891; cxxiv. 457, 458.
2. Appendicitis: a year's experience in private practice. *Ibid.* 21 May, 1891; cxxiv. 499-503.
3. Excision of the vermiform appendix between the attacks in a case of chronic appendicitis; the appendix being found in an ileo-caecal fossa. *Am. Journ. Med. Sci.* June, 1891.
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### Ephraim Emerton.

*Winn Professor of Ecclesiastical History.*

1. [Review of] C. R. Fletcher's "Gustavus Adolphus and the struggle of protestantism for existence." *Educational Rev.* March, 1891; i. 295-297.

### Harold Clarence Ernst.

*Instructor in Bacteriology.*

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2. Rabies. *New York Med. Journ.* Jan. 1891.

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3. An address upon rabies delivered before the Massachusetts Boards of Health Association. *Trans. Mass. Boards of Health Assoc.* 1891.

4. Koch and tuberculosis. *Youth's Companion*, May, 1891.

5. A preliminary report upon the clinical use of tuberculin. *Boston Med. and Surg. Journ.* 2, 9, 16, 23, 30 July, 6 Aug. 1891; cxxv. 5, 25, 55, 76, 105, 131.

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7. Edited the department of bacteriology in *Sajous' Annual of the Universal Med. Sciences.* Philadelphia. 1891.

### Charles Carroll Everett.

*Bussey Professor of Theology, and Dean of the Divinity School.*

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2. Review of Caird's "Critical philosophy of Kant." *Christian Register*, 18 Dec. 1890; lxx. no. 51.
3. The extension of civil service reform. *Ibid.* 23 April, 1891; lxx. no. 17.
4. The Michigan experiment. *Ibid.* 21 May, 1891; lxx. no. 21.
5. Report on the Divinity School. *Annual reports of the President and Treasurer*, 1889-90; pp. 119-126.

### William Gilson Farlow.

*Professor of Cryptogamic Botany.*

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2. Curious case of germination in *Citrus decumana*. *Botanical Gazette*, June, 1891; xvi. 179, 180.
3. A provisional host-index of the fungi of the United States. With A. B. Seymour. *Endogens—Supplement.* Cambridge. June, 1891; pp. 135-219.
4. Edited Contributions from the Cryptogamic Laboratory. See p. 11.



**Theodore Willis Fisher.***Lecturer on Mental Diseases.*

1. Fifty-second annual report of the Boston Lunatic Hospital. Boston. Rockwell & Churchill. 1891. 12° pp. 40.
2. Impressions of the Berlin Medical Congress, and European hospital notes. *Trans. Assoc. Med. Supts. Am. Institutions for Insane*, 1891.

**Reginald Heber Fitz.***Shattuck Professor of Pathological Anatomy.*

1. Henry Jacob Bigelow, M.D. A tribute of respect inspired by affection, admiration, and obligation. *Boston Med. and Surg. Journ.* 27 Nov. 1890; cxxiii. 511-514.

With a list of some of the more important of Dr. Bigelow's contributions to medical literature.

2. Perforating gastric ulcer; circumscribed peritonitis; death on the fifteenth day. *Ibid.* 18 Dec. 1890; cxxiii. 583.
3. The diagnosis and treatment of inflammations of the appendix: discussion. *Med. Communications Mass. Med. Soc.* 1891; xv. no. 2, 536, 537.

**Kuno Francke.***Assistant Professor of German.*

1. Monumenta Germaniae historica. Libelli de lite imperatorum et pontificum. Vol. I. Hannover. Hahn. 1891. 4° pp. 261-460. plates 2.

The following were edited by Dr. Francke: Gebhardi Salisburgensis archiepiscopi epistola ad Herimannum Metensem episcopum data. pp. 261-279. — Wenrici scholastici Trevirensis epistola sub Theodorici episcopi Virdunensis nomine composita. pp. 280-299. — Manegoldi ad Gebhardum liber. pp. 300-430. — Dicta cuiusdam de discordia papae et regis. pp. 454-460.

2. The German school reform. *Nation*, 1 Jan. 1891; lii. 5, 6.
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5. The attitude of the socialist party in Germany. *Nation*, 6 Aug. 1891; liii. 98.

**William Francis Ganong.***Instructor in Botany.*

1. Zoölogical notes. *Bull. New Brunswick Nat. Hist. Soc.* Jan. 1891; ix. 46-59.
2. On the early history of New Brunswick. By Moses H. Perley. A portion of a lecture delivered in 1841, now for the first time published. With notes by W. F. Ganong. St. John, N. B. 1891. Barnes & Co. 16° pp. 29.

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3. The geographical distribution of plants. Printed in abstract in the *Boston Commonwealth*, 28 Feb. 1891.

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4. The physiology of a tree. *Educational Rev.* (St. John, N. B.), April, 1891; iv. 200-203.
5. Southern invertebrates on the shores of Acadia. *Trans. Royal Soc. Canada*, April, 1891; viii. sect. 4, pp. 167-185.
6. On raised peat-bogs in New Brunswick. *Botanical Gazette*, May, 1891; xvi. 123-126.
7. The Harvard summer schools. *Educational Rev.* (St. John, N. B.), June, 1891; v. 11.
8. Botanical and other notes in the *Educational Rev.* (St. John, N. B.).

**Samuel Garman.***Assistant in Herpetology and Ichthyology at the Museum of Comparative Zoölogy.*

1. On a genus and species of the Characines (*Henochilus Wheatlandii*, gen. n. et sp. n.). *Bull. Essex Inst.* April-June, 1890; xxii. 49-52, plate 1.
2. On *Balistes vetula*, Linné. *Ibid.* pp. 53-55.
3. *Silurus* (*Parasilurus*) *Aristotelis*. *Glanis Aristotelis*, Ag. 1856, Proc. Am. Acad. 333. *Ibid.* pp. 56-59.
4. On the "Gila monster" (*Heloderma suspectum*). *Ibid.* pp. 60-69.

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5. On a tortoise found in Florida and Cuba (*Cinosternum Baurii*). *Ibid.*
6. The blizzard fossils. *Nation*, 9 Oct. 1890; li. 286.
- 7-9. Massachusetts carp; The river or brown trout; New England saibling. *Rept. Mass. Comm. for Inland Fisheries and Game*, for 1890; Appendix B, pp. 32-42, plates 5.
- 8 and 9 were reprinted in the *American Angler* and in *Shooting and Fishing*.
10. The golden trout. *Forest and Stream*, 27 Nov. 1890.

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16. German translation by Dr. Alfred Nehring, and reprint in the *Naturwissenschaftliche Wochenschrift* (28 Dec. 1890, p. 516) of "The blizzard fossils," from the *Nation*; "A possible cause of the extinction of the post-tertiary horses (American)," from *Nature*; and a portion of a report of similar bearing in the *Annual report of the Curator of the Museum of Comparative Zoölogy for 1881-82*.
17. Reviews and book-notices in the *Nation*. Nos. 1-3, 4, 5, 7-9 were reprinted separately.

**Benjamin Ives Gilman.***Lecturer on the Psychology of Music.*

1. *Zuñi melodies. Journ. Am. Ethnol. and Archaeol.* Ed. by J. Walter Fewkes. Boston. 1891. i. 65-91, *music*.

**William Watson Goodwin.***Eliot Professor of Greek Literature.*

1. The present and future of Harvard College. Address delivered before the Phi Beta Kappa Society at Cambridge, Mass., 25 June, 1891. Boston. Ginn & Co. 1891. 8°. pp. 42.

**John Chipman Gray.***Royall Professor of Law.*

1. Select cases and other authorities on the law of property. Vol. V. Cambridge. Charles W. Sever. 1891.

**Charles Montraville Green.***Instructor in Obstetrics.*

- 1, 2. Semi-annual reports on recent progress in obstetrics. *Boston Med. and Surg. Journ.* 22 Jan., 3 Sept. 1891; cxxiv. 87, cxxv. 248.
3. A report of six months work in the out-patient department for diseases of women at the Boston City Hospital. With Dr. George Haven. *Ibid.* 2 April, 1891; cxxiv. 329-333.

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4. Pessaries: their use and abuse. [Opened discussion on this subject before Section in obstetrics and gynaecology, at annual meeting of Mass. Med. Society, 9 June, 1891.] *Ibid.* 25 June, 1891; cxxiv. 636. Abstract in *Med. Communications Mass. Med. Soc.* 1891; xv. no. 2, p. 462.
5. Reviews of obstetrical works in the *Boston Med. and Surg. Journ.*

**John Orne Green.***Clinical Professor of Otology.*

1. A case of abscess and softening of the brain with chronic disease of the tympanum. *Boston Med. and Surg. Journ.* 21 May, 1891; cxxiv. 503, 504.
2. The treatment of inflammations of the mastoid, with an analysis of eighty operations. *Am. Journ. Med. Sci.* (Philadelphia), Dec. 1890. Also reprinted. pp. 12.

**James Bradstreet Greenough.***Professor of Latin.*

1. Vocabulary to selections from Ovid. Boston. Ginn & Co. 8°.
2. Livy. Books I. and II. Edited, with introduction and notes, by J. B. Greenough. Boston. Ginn & Co. 1891. 8°. pp. xvii. 270. — Also text edition of the same. pp. 161. College series of Latin authors.
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**Charles Gross.***Instructor in History.*

1. General view of the political history of Europe. By Ernest Lavisse. Translated by Charles Gross. New York, etc. Longmans, Green & Co. 8°. pp. xi. 188.
2. The Jews of Russia. A lecture delivered in Troy, N. Y. *Troy Times*, 4 Feb. 1891.
3. Causes of Russia's persecution of the Jews. *Frank Leslie's Illustrated Newspaper*, 29 Aug. 1891.
4. A plea for reform in the study of English municipal history. *Papers Am. Hist. Assoc.* 1891; v. pt. 4, pp. 45-58.  
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5. A classified list of books relating to British municipal history. Cambridge. 1891. 8°. pp. 18.  
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6. Various book-reviews in the *Nation*, 1890-91.

**Hermann August Hagen.***Professor of Entomology.*

1. Notes and descriptions of some North American Libellulina. Synopsis of Neuroptera. Second edition. *Psyche*. Aug.-Oct. 1890; v. 383-387.

**Edwin Herbert Hall.***Assistant Professor of Physics.*

1. A thermo-electric method of studying cylinder condensation in steam cylinders. *Trans. Am. Inst. Electrical Engineers*. May, 1891; viii. no. 5.

**Francis Bishop Harrington.***Assistant in Clinical Surgery.*

1. The value of "primary anaesthesia" in minor surgical operations. *Boston Med. and Surg. Journ.* 6 Nov. 1890; cxxiii. 434, 435.
2. Rheumatic flatfoot. *Ibid.* 9 April, 1891; cxxiv. 334, 335.

**Albert Bushnell Hart.***Assistant Professor of History.*

1. Pamphlet for the use of students in courses History 13, 14, and 27 (History of the United States) given at Harvard College in the academic year 1890-91. Cambridge. 1890. 8°. pp. 50.
2. Introduction to the study of federal government. Boston. Ginn & Co. 1891. 8°. pp. 200. Harvard Historical Monographs, no. 2.
3. Federal constitution of the Swiss confederation (of May 29, 1874). Translation, reprinted in J. M. Vincent's "State and federal government in Switzerland," pp. 191-222. (*Johns Hopkins University Studies in Historical and Political Science*, extra vol. ix.) — The bibliographical note reprinted in *New England Magazine*, Aug. 1891.

4. The veto power: its origin, development, and function in the government of the United States (1789-1889). By Edward Campbell Mason. Edited by Albert Bushnell Hart. Boston. Ginn & Co. 1890. 8° pp. 232.

Harvard Historical Monographs, no. 1.

5. The colonies. 1492-1750. By Reuben Gold Thwaites. Edited by Albert Bushnell Hart. With four maps. New York, etc. Longmans, Green & Co. 1891. 12° pp. 301.

Epochs of American History, vol. i. A second edition, with unimportant changes, 1891.

6. Hermann von Holst. *Polit. Sci. Quarterly*, Dec. 1890; v. 677-687.
7. The Speaker as premier. *Atlantic Mo.* March, 1891; lxvii. 380-386.
8. A southern arcadia. *Nation*, 23 April, 1891; lii. 336.
9. [Review of] "Tabular views of universal history." *Educational Rev.* May 1891; i. 500, 501.

### Henry Barker Hill.

*Professor of Chemistry.*

1. On chlorsulphopyromucic acids. With Walter S. Hendrixson. *Proc. Am. Acad.* xxv. 283-295.

### William Barker Hills.

*Associate Professor of Chemistry.*

1. Report on medical chemistry. *Boston Med. and Surg. Journ.* 9 July, 1891; cxxv. 32-35.

### Oliver Wendell Holmes.

*Parkman Professor of Anatomy, Emeritus.*

1. Memoir of the late Henry J. Bigelow for the Boston Medical Association. *Proc. Am. Acad.* vol. xxvi. 339-351.
2. Remarks at the memorial meeting of the Boston Society for Medical Improvement held upon the death of Dr. Bigelow. *Boston Med. and Surg. Journ.* 27 Nov. 1890; cxxiv. 506-508.
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### John Homans.

*Clinical Instructor in the Diagnosis and Treatment of Ovarian Tumors.*

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2. A case of sarcoma of the tonsil removed by external incision; recovery. *Ibid.* 6 Nov. 1890; cxxiii. 433, 434. Also *London Lancet*, 29 Aug. 1891.
3. Two cases of laparotomy for intra-abdominal haemorrhage. *Ibid.* 8 Jan. 1891; cxxiv. 27, 28.
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5. A case of successful trephining for subdural haemorrhage produced by contre-coup. With G. L. Walton. *Boston Med. and Surg. Journ.* 12 Feb. 1891; cxxiv. 154-157, *illustr.*

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6. Three cases of tumor of the uterus. *Ibid.* 19 Feb. 1891; cxxiv. 181, 182.

7. The treatment of fibroid tumors of the uterus after the method of Dr. Apostoli. *Ibid.* 12, 19 March, 1891; cxxiv. 249, 280.

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8. A case of successful removal of a retro-peritoneal fatty tumor by laparotomy. *Am. Journ. Med. Sci.* April, 1891.

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### Franklin Henry Hooper.

*Instructor in Laryngology.*

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2. A case of tumor of the larynx, showing amyloid degeneration. *New York Med. Record*, 7 March, 1891.
3. Diseases of the thyroid gland. With J. Payson Clark, M.D. *Sajous' Annual of the Universal Med. Sciences.* Philadelphia. 1891.

### Albert Andrew Howard.

*Tutor in Latin.*

1. On the use of the perfect infinitive in Latin with the force of the present. *Harv. Studies Class. Philol.* 1890; i. 111-138.

### Henry Hudson.

*Assistant in Physics.*

1. The Southern Railway and Steamship Association. *Quart. Journ. Economics*, Oct. 1890; v. 70-94, and appendix, 115-130.

### Oliver Whipple Huntington.

*Instructor in Mineralogy and Chemistry.*

1. A new meteoric iron from Stutsman county, North Dakota. *Proc. Am. Acad.* 10 Dec. 1890; xxv. 229-232, *plate 1, cut.*
2. The prehistoric and Kiowa county pallasites. *Ibid.* 8 April, 1891; xxvi. 1-12, *plates 3.*

Both belong to the series Contributions from the Chemical Laboratory of Harvard College.

### Alpheus Hyatt.

*Assistant in Palaeontology at the Museum of Comparative Zoölogy.*

1. Guides for science teaching. No. VIII. Insecta. By Alpheus Hyatt and J. M. Arms. Boston. D. C. Heath & Co. 1890. pp. 323, *illustr.*
2. The next stage in the development of public parks. *Atlantic Mo.* Feb. 1891; lxvii. 215-224.



3. Report on the museum [of the Boston Society of Natural History]. *Proc. Boston Soc. Nat. Hist.* 1891; xxv. 1-19.
4. Carboniferous cephalopods. *Geol. Survey of Texas. Second annual report.* pp. 329-356, *illustr.*
5. Report on palaeontology. *Annual report Curator Mus. Comp. Zool.* 1890-91.

### John George Jack.

*Lecturer at the Arnold Arboretum.*

1. Notes on shrubs. *Garden and Forest*, 15, 29 Oct., 5, 19, 26 Nov. 1890; 5 June, 1891; iii. 503, 529, 538, 563, 577, iv. 258.
2. *Lonicera quinquelocularis.* *Ibid.* 10 Dec. 1890; iii. 600.
3. Notes on some hardy wild roses. I.-V. *Ibid.* 7, 14, 21, 28 Jan., 11 Feb. 1891; iv. 5, 18, 31, 44, 66.
4. Our trees in ice-storms. *Ibid.* 25 Feb. 1891; iv. 87.
5. An insect pest of Cattleyas (*Isosoma orchidearum*). *Ibid.* 4 March, 1891; iv. 99, *cut.*
6. Can the gypsy-moth be exterminated? *Ibid.* 11 March, 1891; iv. 111.
7. Notes on some insects and insect remedies. *Ibid.* 22 April, 1891; iv. 184.
8. Weevils in leguminous tree seeds. *Ibid.* 17 June, 1891; iv. 280, *cuts.*
9. Some early spiraeas. *Ibid.* 24 June, 1891; iv. 297.
10. Notes on three species of *Hylotoma.* *Psyche*, Jan. 1891; vi. 10.

### Charles Loring Jackson.

*Professor of Chemistry.*

1. On the products obtained by the action of nitric acid upon bromtrinitrophenylmalonic ester. With W. B. Bentley. *Proc. Am. Acad.* xxvi. 67-97.
2. Note on tribrommononitrobenzol. With W. B. Bentley. *Ibid.* xxvi. 98-101.

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### William James.

*Professor of Psychology.*

1. The proposed shortening of the college course. *Harvard Mo. Jan.* 1891; xi. 127-137.
2. The moral philosopher and the moral life. *Internat. Journ. Ethics*, April, 1891; i. 330-354.

### Lewis Jerome Johnson.

*Instructor in Engineering.*

1. Provisional list of graduates of the Lawrence Scientific School. Published by the University. May, 1891. 8°. pp. 10.
- A revised edition containing 12 pages has been issued.

### George Lyman Kittredge.

*Assistant Professor of English.*

1. Syllabus of a course of lectures introductory to the study of Shakspeare. Brooklyn. 1891.
2. English folk-tales in America. The little cakeen. *Journ. Am. Folk Lore*, Oct.-Dec. 1890; iii. 291.
3. Sir Thomas Wyatt. *Mod. Lang. Notes*, Jan. 1891; vi. 34-42.
4. Mr. Fleay on Nicholas Udall. *Ibid.* May, 1891; vi. 264-266.
5. With E. S. Sheldon and S. Primer, edited *Dialect Notes*, published by the American Dialect Society. Part III. Boston. 1891.

### Philip Coombs Knapp.

*Clinical Instructor in Diseases of the Nervous System.*

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3. Peripheral nervous diseases, muscular dystrophies, and general neuroses. *Sajous' Annual of the Universal Med. Sciences* (Philadelphia), 1891; ii. c. pp. 1-82.
4. Also letters, book-reviews, etc. in the *Boston Medical and Surgical Journal*.

### Frederick Irving Knight.

*Clinical Professor of Laryngology.*

1. On the return of cured tubercular patients from high altitudes. *Trans. Am. Climatological Assoc.* 1890; vii. 189.

### William Coolidge Lane.

*Assistant Librarian.*

1. Index to the subject catalogue of Harvard College Library. Cambridge. 1886-91. 8°. pp. iv. 165.  
Library of Harvard University. Special publications. II.
2. The relation of the librarian to the faculty [in college libraries]. *Library Journ.* Dec. 1890; xv. 141-142.
3. The place of the seminary library in the university. *Ibid.* Dec. 1890; xv. 142-143.
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6. Additions to the Dante collection in the Harvard College Library, May 1, 1890-May 1, 1891. *Tenth Ann. Rep't Dante Soc.* 1891; pp. 15-31.

**Christopher Columbus Langdell.***Dane Professor of Law.*

1. A brief survey of equity jurisdiction. *Harvard Law Rev.* Oct. 1890; iv. 101-138.

**William Lawrence.***Preacher to the University.*

1. A point in financial education. *Harvard Mo.* Oct. 1890; xi. 1-8.
2. Report of the faculty of the Episcopal Theological School, Cambridge, Mass. *Catalogue Episc. Theol. School*, 1890-91.  
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3. Sermon in memory of Bishop Paddock. *Churchman*, 4 April, 1891.
4. Baccalaureate sermon of the class of 1891 of Harvard University. *Boston Post*, 15 June, 1891.

**Daniel David Lee.***Instructor in Anatomy in the School of Veterinary Medicine.*

1. A peculiar monstrosity. *Journ. Comp. Med. and Veterinary Archives* (Philadelphia), Jan. 1891; xii. 3, *illustr.*
2. The prevalence of tuberculosis. *Ibid.* (New York), June, 1891; xii. 274.

An omitted paragraph of this article was published in July, p. 345.

**David Gordon Lyon.***Hollis Professor of Divinity.*

1. Address delivered at the opening of the Harvard Semitic Museum, May 13, 1891. *Am. Hebrew* (New York), 22 May, 1891; xlvii. 68-70.
2. [Review of] Professor C. H. Toy's "Judaism and Christianity." *Old and New Testament Student* (New Haven), June, 1891; xii. 367-373.

**Silas Marcus Macvane.***McLean Professor of Ancient and Modern History.*

1. Boehm-Bawerk on value and wages. *Quart. Journ. Economics*, Oct. 1890; v. 24-43.
2. The three-years course. *Harvard Mo.* March, 1891; xii. 1-13.

**Frank Burr Mallory.***Assistant in Histology.*

1. Phospho-molybdic acid haematoxylin. *Anatomischer Anzeiger*, 1891; vi. 375, 376.

**Edward Laurens Mark.***Hersey Professor of Anatomy.*

1. Edited Contributions from the Zoölogical Laboratory of the Museum of Comparative Zoölogy, nos. xix-xxvii. For the full list see p. 11.

2. Annual report to the Curator of the Museum of Comparative Zoölogy, incorporated in his *Annual report to the President and Fellows of Harvard College for 1889-90*; pp. 15, 16.

**Charles Sedgwick Minot.***Assistant Professor of Histology and Embryology.*

1. Tricks in mind reading. *Youth's Companion*, 1888; lvi. 122.
2. The mounting of serial sections. *Microscope*, May, 1888.
- 3-6. Growth and age. *Sajous' Annual of the Universal Med. Sciences* (Philadelphia), successive years, 1888-1891.
- 7-12. In Buck's *Reference Handbook of the Medical Sciences*, vol. vi.:—7. Proammonion.—8. Segmentation of the body.—9. Segmentation of the ovum.—10. Senility.—11. Sex.—12. Spermatzoa.
13. In the same, vol. vii.:—Umbilical cord.
14. Uterus and embryo:—I. Rabbit.—II. Man. *Journ. Morphology*, ii. 341-462, *plates* 4.
15. The mesoderm and the coelom of vertebrates. *Am. Naturalist*, Oct. 1890; xxiv. 877-898, *illustr.*

List of authorities cited.

16. Zur Morphologie der Blutkörperchen. *Anatomischer Anzeiger*, 1890; v. 601-604.
17. Morphology of the blood corpuscles. *Am. Naturalist*, Nov. 1890; xxiv. 1020-1023.
18. About worms. *Youth's Companion*, 1890; lxiii. 681.
19. On the fate of the human decidua reflexa. *Anatomischer Anzeiger*, 1890; v. 639-643.
20. On certain phenomena of growing old. *Proc. Am. Assoc. Adv. Sci.* 1890; xxxix. 271-289, *diagr.*  
Address as vice-president of the section of biology.
21. A theory of the structure of the placenta. *Anatomischer Anzeiger*, 1891; vii. 125-31.
22. Senescence and rejuvenation: 1. On the weight of Guinea pigs. *Journ. Physiology*, 1891; xii. 97-153, *plates* 3.

**Francis Minot.***Hersey Professor of the Theory and Practice of Physic.*

1. The health and longevity of medical men. *Boston Med. and Surg. Journ.* 17 Sept. 1891; cxxv. 285-287.

Address delivered before the annual meeting of the Rhode Island Medical Society, 11 June, 1891.

**Samuel Jason Mixer.***Demonstrator of Anatomy.*

1. Malignant stricture of the oesophagus. Its treatment by Symond's method of permanent tubage. With cases. *Boston Med. and Surg. Journ.* 13 Oct. 1890, 1 Jan. 1891; cxxiii. 385, cxxiv. 5, *illustr.*

Reprinted: Boston. Damrell & Upham. 1891. 18°. pp. 11.

2. Resection of second and third divisions of fifth nerve at the foramina rotundum and ovale. *Boston Med. and Surg. Journ.* 13 Aug. 1891; cxxv. 164, 165.

Reprinted: Boston. Damrell & Upham. 1891. 18°. pp. 7.

### George Howard Monks.

*Assistant in Clinical and Operative Surgery, and Instructor in Surgical Pathology in the Dental School.*

1. Operations for correcting the deformity due to prominent ears. *Boston Med. and Surg. Journ.* 22 Jan. 1891; cxxiv. 84-86, cuts.
2. The remains of a broken lead-pencil (surrounded by phosphatic deposits), and the metal tip of the pencil removed from the bladder by perineal section. *Ibid.* 19 Feb. 1891; cxxiv. 182, 183, cuts.

### Charles Herbert Moore.

*Assistant Professor of Design in the Fine Arts.*

1. Letter to the Editor on the roofing of Romanesque buildings, and on the early pointed architecture of Italy. *Am. Journ. Archaeol.* 1890; vi. 476.

### Morris Hicky Morgan.

*Assistant Professor of Greek and Latin.*

1. Lindsay's Juvenal. *Class. Rev.* July, 1891; vii. 326-329.
2. Some constructions in Andocides. *Harvard Studies in Class. Philol.* 1891; ii. 57-69.

### Alfred Bull Nichols.

*Instructor in German.*

1. [Review of] Buchheim's "Jungfrau von Orleans." *Mod. Lang. Notes*, Jan. 1891.

### Frank Walter Nicolson.

*Instructor in Latin.*

1. P. Terenti Afri Phormio. Text, with stage directions. Prepared for use in sight reading. Boston. Ginn & Co. 1890. pp. 66.
2. Greek modes of hair-cuts as set forth by Pollux. *Proc. Am. Philol. Assoc.* 1890; xxi., Trans. x.-xii.
3. Greek and Roman barbers. *Harr. Studies in Class. Philol.* 1891; ii. 41-56.

### Charles Eliot Norton.

*Professor of the History of Art.*

1. Translation of Dante's Divine Comedy. Vol. I. Hell. Boston. Houghton, Mifflin & Co. 1891. 12°. pp. xxxvi. 193.
2. Preface to "Translation of Dante's eleven letters," by C. S. Latham. Boston. Houghton, Mifflin & Co. 8° and 12°.
3. Introductions to works by John Ruskin. Brantwood edition. New York. C. E. Merrill & Co. 1891. 12°.

### William Fogg Osgood.

*Instructor in Mathematics.*

1. Zur Theorie der zum algebraischen Gebilde  $y^m = R(x)$  gehörigen Abelschen Functionen. Göttingen. 1890. 8°.
- Inaugural-Dissertation zur Erlangung der Doktorwürde der hohen philosophischen Fakultät der Universität Erlangen.

### George Herbert Palmer.

*Alford Professor of Natural Religion, Moral Philosophy, and Civil Polity.*

1. The Odyssey of Homer. Translated by G. H. Palmer. cr. 8°. Boston. Houghton, Mifflin & Co. 1891.
2. The glory of the imperfect. An address given at the first commencement of the Woman's College of Western Reserve University, Cleveland, Ohio, June, 1891. Boston. D. C. Heath & Co. 1891. 12°.
3. Hexameters and rhythmic prose. *Atlantic Mo.* Oct. 1890; lxi. 526-534.
4. Reminiscences of Professor Sophocles. *Atlantic Mo.* June, 1891; lxvii. 779-788.
5. The ownership of books. *Christian Union*, July 11, 1891; xlv. 78, 79.

### George Howard Parker.

*Instructor in Zoölogy.*

1. The eyes in blind crayfishes. *Bull. Mus. Comp. Zool.* Nov. 1890; xx. no. 5. pp. 153-162, plate 1.
  2. The compound eyes in crustaceans. *Ibid.* May. 1891; xxi. no. 2. pp. 45-140, plates 10.
- This paper was presented and accepted as a thesis for the degree of S.D. in June, 1891. Both papers belong to the Contributions from the Zoölogical Laboratory of the Museum of Comparative Zoölogy.

### Andrew Preston Peabody.

*Preacher to the University, and Plummer Professor of Christian Morals, Emeritus.*

1. King's Chapel sermons. Boston. Houghton, Mifflin & Co. 8°. 1891. pp. 340.
  2. Internal tokens of authorship in the fourth gospel. *The fourth gospel. Evidence external and internal of its Johannine authorship.* New York. Scribner's Sons. 1891. pp. 109-127.
- Dr. Peabody edited this volume, which contains also Dr. Abbot's essay "The authorship of the fourth gospel; external evidence," and an article by Bishop Lightfoot.
3. The life and times of Plato. *Andover Rev.* April, 1891; xv. 353-367.
- Also reprinted.
4. Nathan Parker [H. U. 1803]. *Unitarian Rev.* May, 1891; xxxv. 352-362.
  5. Slavery as it appeared to a northern man in 1844. *Andover Rev.* Aug. 1891; xvi. 155-166.
- Also reprinted.



**Benjamin Osgood Peirce.**

*Hollis Professor of Mathematics and Natural Philosophy.*

1. On some theorems which connect together certain line and surface integrals. *Proc. Am. Acad.* xxvi. 20-23.
2. On some simple cases of electric flow in flat circular plates. *Ibid.* xxvi. 218-239.
3. Various theorems and problems in the *Educational Times* (London).

**George James Peirce.**

*Assistant in Botany.*

1. Notes on *Corticium Oakesii*, B. & C., and *Michenera Artocreas*, B. & C. *Bull. Torrey Botanical Club*, vol. xvii. no. 12, p. 301.
2. Beneficial association among plants and animals. *Nature's Realm*, May, 1891; ii. 166.

**James Mills Peirce.**

*Perkins Professor of Astronomy and Mathematics, and Dean of the Graduate School.*

1. Remarks at the dinner of the Harvard Club of New York, 20 Feb. 1891. n. p., n. d. pp. 11.

**Charles Edward Pickering.**

*Paine Professor of Practical Astronomy, and Director of the Astronomical Observatory.*

1. Aid to astronomical research. Reprinted in *Sidereal Messenger*, ix. 473, and in *Nature*, 4 Dec. 1890; xliii. 105.
2. Close binary stars. *Sidereal Messenger*, x. 5.
3. A fifth type of stellar spectra. *Astron. Nachrichten*, cxxvii. 1.
4. The discovery of double stars by means of their spectra. *Ibid.* cxxvii. 155.
5. Spectrum of  $\beta$  Lyrae. *Ibid.* cxxviii. 39. *Observatory* 180, 341.
6. The Draper catalogue. *Nature*, xlv. 223.
7. Preparation and discussion of the Draper catalogue. Cambridge. 1891. 4°. pp. xxiv. 192. *Annals of the Astronomical Observatory*, xxvi. 1.
8. Variable stars of long period. Cambridge. 1891. 4°. pp. 8, plate 1.
9. Edited *Annals of the Astronomical Observatory of Harvard College*. vol. xxiii. 1, xxvi. 1, xxvii., xxx. 2. See p. 6.

See also p. 10 for articles by assistants in the Observatory prepared under the direction of Professor Pickering and communicated by him.

10. Forty-fifth annual report of the Director of the Astronomical Observatory of Harvard College. Cambridge. 1890. 8°. pp. 12.

**Max Poll.**

*Instructor in German.*

1. Nother's 'Psalms.' *Mod. Lang. Notes*, Nov. 1890; v. 417, 418.

**Charles Burnham Porter.**

*Professor of Clinical Surgery.*

1. Two cases of relapsing appendicitis; operation between attacks; removal of appendix; recovery. *Boston Med. and Surg. Journ.* 25 Dec. 1890; cxxiii. 611-613.
2. In recurring appendicitis is excision of the appendix during a remission a justifiable operation, and if so, in what class of cases, and how should it be done? *Ibid.* 2 April, 1891; cxxiv. 325-329.

**Abner Post.**

*Clinical Instructor in Syphilis.*

1. Prostatotomy in a patient of forty-two. *Boston Med. and Surg. Journ.* 23 April, 1891; cxxiv. 405, 406.

**William Henry Potter.**

*Clinical Lecturer in Operative Dentistry.*

1. Creolin. *Internat. Dental Journ.* April, 1891; xii. 209.
2. Edited the Proceedings of the American Academy of Dental Science. Proceedings are published in the *International Dental Journ.*

**Frederic Ward Putnam.**

*Peabody Professor of American Archaeology and Ethnology, and Curator of the Peabody Museum of American Archaeology and Ethnology.*

1. A singular ancient work at Foster's, Warren Co., Ohio. *Proc. Am. Assoc. Adv. Sci.* 1890; xxxix. 389.
2. A singular ancient work in Ohio. *Proc. Am. Antiquarian Soc.* 21 Oct. 1890; vii. 136, 137.
3. Obituary notice of Charles L. Flint. *Proc. Boston Soc. Nat. Hist.* 1890; xxiv. 199.
4. Remarks on early man in America. *Ibid.* 1890; xxiv. 468.
5. On the ancient hearths in the Little Miami valley. *Proc. Am. Assoc. Adv. Sci.* 1890; xxxix. 389.
6. Report as permanent secretary of the American Association for the Advancement of Science. *Ibid.* 1891; xxxix. 486.
7. Edited the Proceedings of the American Association for the Advancement of Science, vol. xxxix. 1891.
8. Twenty-third and twenty-fourth annual reports of the Trustees of the Peabody Museum of American Archaeology and Ethnology. Presented to the President and Fellows of Harvard College. 1891.
9. Edited the Archaeological and Ethnological Papers of the Peabody Museum, nos. 2 and 3, 1891.

For contents see p. 9.

**James Jackson Putnam.***Instructor in Diseases of the Nervous System.*

1. Toxic affections from arsenic and lead. *Cyclopaedia of the Diseases of Children* (Keating), vol. iv. 1890; p. 599.
2. Peripheral nervous system; general physiological considerations; neuralgia of the stump; peripheral palsy of third cranial nerve; trigeminal neuralgia. *Internat. Clinics*, 1891; p. 303.
3. A group of cases of sclerosis of the spinal cord, associated with diffuse collateral degenerative; occurring in enfeebled persons past middle life, and especially in women; studied with particular reference to etiology. *Journ. Nervous and Mental Disease*, Feb. 1891; xvi. 69.
4. The character of the evidence as to the injuriousness of arsenic as a domestic poison. *Boston Med. and Surg. Journ.* 25 June, 1891; cxxiv. 623-626.
5. Personal observations on the pathology and treatment of neuralgias of the fifth pair. *Ibid.* 13, 20 Aug. 1891; cxxv. 157, 186, cuts.

**Edward Reynolds.***Assistant in Obstetrics.*

1. On the extraction of the after-coming head and arms. *Boston Med. and Surg. Journ.* 26 Feb. 1891; cxxiv. 205, 206.
2. On axis-traction forceps. *Am. Journ. Obstetrics*, vol. xxiii. 178.
3. A case of labor in an obliquely contracted, ankylosed pelvis. *Ibid.* vol. xxiii. 709.
4. On the frequency of contracted pelvis among American women. *Trans. Am. Gynaecological Soc.* vol. xv. 367.

**Theodore William Richards.***Assistant in Chemistry.*

1. Ueber Cupriammonium Bromide. *Ber. deutsch. Chem. Gesellsch.* xxiii. 3790, 3791.
2. A revision of the atomic weight of copper. Fourth paper. *Proc. Am. Acad.* xxvi. 240-295.

**Maurice Howe Richardson.***Assistant Professor of Anatomy.*

1. Cyst of the pancreas treated by laparotomy and drainage; recovery. *Boston Med. and Surg. Journ.* 29 Jan. 1891; cxxiv. 111, 112.

**John Ritchie, Jr.***Assistant in the Observatory, in charge of the Distribution of Astronomical Intelligence.*

1. Composed, edited, and published *Science Observer special circulars* nos. 93-95. Boston. 8°.

*Contents:—1890. 93. Discovery of comet e 1890, Zona (W. W. Campbell); discovery of comet f 1890, Spitaler; discovery of asteroid Palisa (301). 21 Nov.—94. Two orbits of comet f 1890, Spitaler (G. M. Searle and Spitaler). 23 Dec.—1891. 95. Discovery and orbit of comet a 1891, Barnard (J. M. Schaeberle). 4 April.*

2. *Science Observer international circular* no. 35. Berlin, Germany. 8°.

*Contents:—1890. Elements and ephemeris of Zona's comet (W. W. Campbell).*

3. [Review of] "Bolletino del Club Alpino Italiano per l'anno 1889." *Appalachia*, vi. 2.
4. Report of the Councilor of Art [of the Appalachian Mountain Club]. *Ibid.* vi. 3.
5. Report of the judges of group F. Educational Exhibits, etc., at the 17th exhibition of the Mass. Charitable Mechanics Association. *Mass. Charitable Mechanics Assoc. Report.*
6. Our knowledge of Mars. *Commonwealth* (Boston), 18 Oct. 1890.

Reprinted in *Sidereal Messenger*, Nov. 1890.

7. Also articles and reviews, scientific and literary, signed and unsigned, in the *Commonwealth*.

**Benjamin Lincoln Robinson.***Assistant in the Herbarium.*

1. Two new plants from the Cascade Mountains. *Botanical Gazette*, Feb. 1891; xvi. 43.
2. Two undescribed species of Apodanthes. *Ibid.* March, 1891; xvi. 82.
3. Note on the varieties of *Silphium laciniatum*, L. *Ibid.* April, 1891; xvi. 114.
4. Descriptions of new plants, chiefly Gamopetalae, collected in Mexico by C. G. Pringle in 1889 and 1890. *Proc. Am. Acad.* 1891; xxvi. 164.
5. Botanical reviews in the *American Journal of Science*, Jan.—June, 1891.

**John Carew Rolfe.***Instructor in Greek and Latin.*

1. The Heautontimorumenos of Terence. Text, with stage directions. Boston. Ginn & Co. 1890. 16°. pp. 58.
2. An inscribed Kotylos from Boeotia. *Harv. Studies in Class. Philol.* 1891; ii. 89-101, illustr.

**Abbott Lawrence Rotch.***Assistant in Meteorology.*

1. Observations made at the Blue Hill Meteorological Observatory, Massachusetts, U. S. A., in the year 1890, with appendices containing observations at Boston and at Blue Hill during the Instrum 1886-1890. Cambridge. 1891. 4°. pp. 77-201.

*Annals of the Astronomical Observatory of Harvard College*, xxx. 2.

2. American meteorological journal. An illustrated monthly devoted to scientific meteorology and allied branches of study. Edited by Mark W. Harrington, A. Lawrence Rotch, and W. J. Herdman, M.D. Ann Arbor, Mich.

Mr. Rotch has contributed reviews and notes to the *Am. Met. Journal*, besides the following articles:—

3. Meteorological congress at Limoges, France. *Am. Met. Journ.* Oct. 1890; vii. 316.

4. The meteorological observatory recently established on Mt. Blanc. *Ibid.* Jan. 1891; vii. 443.

5. A French tornado. *Ibid.* April, 1891; vii. 577.

6. The local weather predictions of the Blue Hill Observatory. *Ibid.* June, 1891; viii. 58.

Read before the New England Meteorological Society, 18 April, 1891.

7. On a meteorological observatory recently established on Mt. Blanc. *Rept Leeds Meeting Brit. Assoc. Adv. Sci. Transactions of Section A*, p. 747.

8. Quelques résultats des observations au Mont Blanc. *Notes et Mémoires de l'Assoc. Française pour l'Avancement des Sciences, Session de Limoges*, p. 312.

9. Sur la mesure de la nébulosité pendant la nuit et de son enregistrement. *Ibid.* p. 313.

10. Mountain meteorology. Extracts from three lectures delivered in 1891 before the Lowell Institute of Boston. *Am. Met. Journ.* Aug., Sept. 1891; viii. 145, 193.

### Thomas Morgan Rotch.

*Assistant Professor of Children's Diseases.*

1. Address before the training school for nurses, 27 June, 1890. *Twenty-seventh report of the City Hospital*, Boston, 1890; p. 145.

2, 3. Recent progress in the diseases of children. *Boston Med. and Surg. Journ.* 25 Dec. 1890, 25 June, 1891; cxxiii. 614, cxxiv. 628.

### Josiah Royce.

*Assistant Professor in Philosophy.*

1. Frémont. *Atlantic Mo.* Oct. 1890; lxvi. 548-557.

2. [Review of] Dr. Abbot's "Way out of agnosticism." *Internat. Journ. Ethics*, Oct. 1890; i. 98-113.

3. A new study of psychology. *Ibid.* Jan. 1891; i. 143-169.

A review of Professor James's "Principles of psychology."

4. Is there a science of education? *Educational Rev.* Jan., Feb. 1891; i. 15, 121.

5. Two philosophers of the paradoxical. I. Hegel. *Atlantic Mo.* Jan. 1891; lxvii.

6. Two philosophers of the paradoxical. II. Schopenhauer. *Ibid.* Feb. 1891; lxvii. 161-173.

7. Montgomery and Frémont: new documents on the Bear Flag affair. *Century*, March, 1891; xli. 780-783.

8. The Frémont legend. *Nation*, 21 May, 1891; lii. 423-425.

9. [Review of] "On the doctrine of morality in its relation to the grace of redemption." By R. B. Fairbairn. *Internat. Journ. Ethics*, July, 1891; i. 502, 503.

10. [Review of] "Outlines of a critical theory of ethics." By J. M. Dewey. *Ibid.* pp. 503-505.

11. Present ideals of American university life. *Scribner's Mo.* Sept. 1891; x. 376-388.

12. Dr. Royce is a member of the editorial committee of the International Journal of Ethics.

### Robert Louis Sanderson.

*Assistant Professor of French.*

1. Trois contes choisis, par Daudet. With notes by Robert Louis Sanderson. Boston. D. C. Heath & Co. 1891. pp. 39.

### Charles Sprague Sargent.

*Arnold Professor of Arboriculture.*

1. The silva of North America: a description of the trees which grow naturally in North America exclusive of Mexico. Illustrated with figures and analyses drawn from nature by Charles Edward Faxon, and engraved by Philibert and Eugène Picard. Vol. ii. *Cyrillaceae to Sependaceae*. Boston. Houghton, Mifflin & Co. 1891. 4°.

It is proposed to finish this work in twelve volumes, each with fifty full page plates.

2. Garden and Forest. A journal of horticulture, landscape art, and forestry. Conducted by C. S. Sargent. New York. 1890-91. f°.

*Illustr.*

Published weekly. Professor Sargent has contributed, besides much unsigned matter, the following signed articles:—

1890. (Vol. iii.) New or little-known plants: *Rosa Watsoniana*, 1 Oct. 476. — *Leucophyllum Texanum*, 8 Oct. 488. — Two American *St. Johnsworts*, 20 Oct. 524. — *Celastrus articulata*, 12 Nov. 551. — *Clematis paniculata*, 24 Dec. 620.

1891. (Vol. iv.) Notes on North American trees, xxi. xlii. 7, 14 Jan. 4, 15. — New or little-known plants: *Viburnum molle*, 21 Jan. 29. — *Clethra alnifolia*, var. *tomentosa*, 11 Feb. 64. — Notes on North American trees, xliii. xxiv. 18 Feb., 4 March, 75, 100. — The fruit of *Akebia quinata*, 26 March, 136. — Notes on North American trees, xxv. 1 April, 147. — New or little-known plants: *Viburnum dilatatum*, 1 April, 148. — *Nec luerigata*, 13 May, 220. — *Clematis connata*, 20 May, 234. — The Japanese *Hammamelis*, 3 June, 256. — *Abies maritima*, 10 June, 268. — *Arbutus Arizonae*, 8 July, 317. — *Populus Monticola*, 15 July, 330. — Notes on North American trees, xxvi. 22 July, 340. — The Japanese *Photinia*, 12 Aug. 376. — Notes on North American trees, xxvii., xxviii. 16, 23 Sept. 435, 448.

3. Report of the Director of the Arnold Arboretum to the President of Harvard College. *Reports of the President and Treasurer of Harvard College for 1889-90.*

### Dudley Allen Sargent.

*Assistant Professor of Physical Training, and Director of the Hemenway Gymnasium.*

1. Is the teaching of physical training a trade or profession? *Proc. Am. Assoc. Adv. Phys. Education*, 6th annual meeting at Cambridge and Boston, 3, 4 April, 1891. Ithaca. 1891; pp. 6-19.

### Charles Locke Scudder.

*Assistant in Clinical Surgery.*

1. Excision of the elbow joint; ultimate results at the Massachusetts General Hospital, Boston, Mass. *Boston Med. and Surg. Journ.* 16 April, 1891; cxxiv. 375-380.

2. The clinical course and the principles of treatment of chronic ankle-joint disease in childhood. *Ibid.* 16 July, 1891; cxxv. 59-61.



3. The muscular element in the etiology of lateral spinal curvature. *Proc. Am. Assoc. Adv. Phys. Education*, 6th annual meeting at Boston, 3, 4 Apr. 1891. Ithaca. 1891; pp. 105-111.

**Arthur Searle.**

*Phillips Professor of Astronomy.*

1. A possible secondary cause of the phenomenon of Gegenschein. *Astron. Nachrichten*, 1890; cxxvi. 115.

**Nathaniel Southgate Shaler.**

*Professor of Geology.*

1. Nature and man in North America. New York. Scribner's Sons. 1891. 8°. pp. ix. 290.

A part of the work was originally published in *Scribner's Magazine*: I. Sept. 1890; viii. 360.—II. Oct. 1890; viii. 473.—III. Nov. 1890; viii. 645.

2. The peculiarities of the south. *North American Rev.* Oct. 1890; ccli. 477-488.
3. The antiquity of the last glacial period. *Proc. Bost. Soc. Nat. Hist.* Jan.-May, 1891; xxv. pt. 2, 258-267.
4. The negro race question. *Arena*, Nov. 1890.
5. College examinations. *Atlantic Mo.* July, 1891; lxxiii. 95-102.
6. The geology of Cape Ann, Massachusetts. *Ninth annual report of the Director of the U. S. Geol. Survey.* Washington. 1890; pp. 529-611, plates 46, cuts.
7. General account of the fresh-water morasses of the United States, with a description of the Dismal Swamp district of Virginia and North Carolina. *Tenth annual report U. S. Geol. Survey.* Pt. I. Washington. 1890; pp. 255-339, plates 14, cuts.
- 8, 9. Administrative reports: 8. *Ninth annual report U. S. Geol. Survey.* Pt. I. pp. 71-74.—9. *Tenth annual report*, etc. Pt. I. pp. 117-119.
10. Report of Mass. Commissioners of Topographic Survey and Map. With F. A. Walker and H. L. Whiting.
11. Report of Mass. Gypsy Moth Commission.

**Frederick Cheever Shattuck.**

*Jackson Professor of Clinical Medicine.*

1. Auscultation and percussion. Detroit. 1890. 12°. pp. 121.
2. A case of suppurating unilocular hydatid cyst of the liver, with multiple hepatic abscess. *Boston Med. and Surg. Journ.* 3 Jan. 1891; cxxiv. 3-5.
3. Tricuspid stenosis, with the report of a case and specimen. *Ibid.* 26 March, 1891; cxxiv. 307-309.
- 4, 5. Uraemic convulsions; epilepsy; dysphagia, due perhaps to the pressure of a stray thyroid gland. *Internat. Clinics*, April, 1891; i. 84.

Two clinical lectures delivered at the Massachusetts General Hospital.

**Edward Stevens Sheldon.**

*Assistant Professor of Romance Philology.*

1. *Wh* in America. *Mod. Lang. Notes*, June, 1891; vi. 189-191.
2. The annual meeting of the [American Dialect] Society. *Dialect Notes*, 1891; iii. 174-178.
3. Professor Sheldon is one of the editors of *Dialect Notes*. Published by the American Dialect Society. Part III. Boston. 1891.

**Daniel Denison Slade.**

*Lecturer on Osteology.*

1. Osteological notes. *Science*, 12 Dec. 1890, 5 June, 24 July, 1891; xvi. 333, xvii. 317, xviii. 53.
2. On the genus *Chlamydophorus*. *Am. Naturalist*, July, 1891; xxv. 540-548, *illustr.*
3. The preservation of beautiful and historical places. *Garden and Forest*, 10 June, 1891; iv. 274.

**Clement Lawrence Smith.**

*Professor of Latin, and Dean of Harvard College.*

- 1, 2. College series of Latin authors. Edited by Clement Lawrence Smith and Tracy Peck.
1. *Livy*. Books I and II. Edited, with introduction and notes, by J. B. Greenough. Boston and London. Ginn & Company. 1891. 8°. pp. xvii. 270.
2. The same (text edition). Edited and published as above. 8°. pp. 161.
3. Professor [William F.] Allen. *Class. Rev.* Nov. 1890; iv. 426-428.
4. Report of the Dean of Harvard College. *Annual reports of the President and Treasurer of Harvard College*, 1889-90; pp. 40-111.

**Freeman Snow.**

*Instructor in International Law.*

1. The New Orleans riot. *Christian Register*, 16 April, 1891; lxx. 244.

**Jere Edmund Stanton.**

*Instructor in Oral Anatomy and Physiology.*

1. The function of the odontoblasts. *Internat. Dental Journ.* March, 1891; xii. 163.

**Charles Pratt Strong.**

*Assistant in Gynaecology.*

1. Amenorrhoea: clinical report of four cases successfully treated by galvanism. *Boston Med. and Surg. Journ.* 16 April, 1891; cxxiv. 382, 383.
2. Removal of the uterine appendages in a person deformed by spinal curvature from caries of the vertebrae. *Am. Journ. Obstetrics and Dis. of Women and Children*, May, 1891; xxiv. 554.

3. Laparotomy, verifying the diagnosis of pelvic cellulitis. *Boston Med. and Surg. Journ.* 9 July, 1891; cxxv. 32.

Reprints of all these papers have been published.

### Frédéric César de Sumichrast.

*Assistant Professor of French.*

1. French lexicography. *Mod. Lang. Notes*, June, 1891; vi. 370-375.

A review of A. Hatzfeld and A. Darmesteter's "Dictionnaire général de la langue française."

2. Reviews and notes contributed to the *Nation*.

### Charles Hutchins Taft.

*Instructor in Operative Dentistry.*

1. The progress of science and its influence on modern civilization.

An address delivered before the American Academy of Dental Science at its twenty-third annual meeting held in Boston, Nov. 12, 1890. Published by that society the following month in pamphlet form.

### Frank Bigelow Tarbell.

*Instructor in Greek and Latin.*

1. [Review of] "An intermediate Greek-English lexicon, founded upon the seventh edition of Liddell and Scott's Greek-English lexicon." *Class. Rev.* Oct. 1890; iv. 370, 371.
2. [Review of] Harrison and Verrall's "Mythology and monuments of ancient Athens." *Ibid.* Nov. 1890; iv. 430-432.
3. The "house at Delos." *Ibid.* March, 1891; v. 130, 131.
4. Greek deliberative subjunctive in relative clauses. *Ibid.* July, 1891; v. 302.
5. On the infinitive after expressions of fearing in Greek. *Am. Journ. Philol.* April, 1891; xii. 70-72.
6. Reply to Mr. Paton's comment on Tarbell's "Study of the Attic phratry." *Am. Journ. Archaeol.* Sept. 1890; vi. 318-320.

### Ralph Stockman Tarr.

*Assistant in Geology.*

1. Superimposition of the drainage in central Texas. *Am. Journ. Sci.* Nov. 1890; xl. 359-362.
2. The phenomenon of rifting in granite. *Ibid.* April, 1891; xli. 267-272.
3. A norther in Texas. *Am. Meteorol. Journ.* April, 1891; vii. 580-582.
4. A recent lava flow in New Mexico. *Am. Naturalist*, June, 1891; xxv. 524-527.
5. Physical geography of Texas. *Goldthwaite's Geographical Mag.* Sept. 1891; ii. 627-630.
6. Also various contributions to the *Geographical Magazine*, *American Agriculturist*, and other periodicals.

### Frank William Taussig.

*Assistant Professor of Political Economy.*

1. The working of the new silver act. *Forum*, Oct. 1890; x. 165-173.
2. La tarifa McKinley. *Giornale degli Economisti*, Jan. 1891; pp. 1-29. — The McKinley tariff act. [The same, translated, with revision by the author.] *Economic Journal* (London), July, 1891; i. 326-350.
3. A contribution to the theory of railway rates. *Quart. Journ. Economics*, July, 1891; v. 438-465.

### James Bradley Thayer.

*Professor of Law.*

1. Cases on evidence. [A list.] For the use of the classes in evidence at the Harvard Law School. Cambridge. 1890. 8°. pp. 21.
2. Law and fact in jury trials. *Harvard Law Rev.* Nov. 1890; iv. 147-175.
3. The case of *Gelpecke v. Dubuque*. *Ibid.* Feb. 1891; iv. 311-320.
4. The older modes of trial. *Ibid.* May, 1891; v. 45-70.
5. American judges and the interests of labor. *Quart. Journ. Economics*, July, 1891; v. 503-506.
6. Speech on the Indian question before the Massachusetts Reform Club. *Boston Post*, 2 April, 1891.

### Joseph Henry Thayer.

*Bussey Professor of New Testament Criticism and Interpretation.*

1. The change of attitude towards the Bible. A lecture given under the auspices of the Boston Board of the American Institute of Sacred Literature. Boston, etc. Houghton, Mifflin & Co. 1891. 8°. pp. 69.
2. [Review of] Haverford College studies. Part III. *Andover Rev.* Jan. 1891; xv. 117-119.
3. [Review of] Sanday's "The oracles of God." *Ibid.* March, 1891; xv. 338, 339.
4. [Review of] Bishop Westcott's "Commentary on the Epistle to the Hebrews." *Class. Rev.* Feb. 1891.
5. [Review of] Simeon's "Language of the New Testament." Part II. *Presbyterian and Reformed Rev.* July, 1891.
6. Revised translation of the "Teaching of the Twelve Apostles," edited anonymously for the American Unitarian Association.

### William Goodrich Thompson.

*Instructor in Forensics.*

1. Specimen briefs. *English C.* Oct. 15, 1890.

**William Hopkins Tillinghast.**

*Assistant Librarian, and Editor of the Quinquennial Catalogue.*

1. Seventh list of the publications of Harvard University and its officers, with the chief publications on the University. 1889-90. Cambridge. 1891. pp. 32.
- Bibliographical contributions of Harvard College Library, no. 38.
2. The orators and poets of Phi Beta Kappa, Alpha of Massachusetts. Cambridge. 1891. pp. 8.
- Bibliographical contributions of Harvard College Library, no. 42.
- 3, 4. Necrology of Harvard graduates in each number of the *Harvard University Bulletin*. Necrology for 1890-91, *Boston Daily Advertiser*, *Post*, *Journal*, etc. 24 June, 1891.

**Joseph Torrey, Jr.**

*Assistant in Chemistry.*

1. Steam engine fly wheels: their design and proportions. *Am. Machinist*, xiv. no. 31, 34.

**Charles Wendell Townsend.**

*Assistant in Obstetrics.*

1. A case of haemophilia as observed at the first menstrual period. *Boston Med. and Surg. Journ.* 27 Nov. 1890; cxxiii. 516, 517.
2. Summer diarrhoea in infants: being an analysis of the cases treated at the Sea Shore Home during the summers of 1887, 1888, and 1889. *Trans. Am. Pediatric Soc.* vol. ii. p. 101. — *Archives of Pediatrics*, Nov. 1890. Reprinted separately.
3. A case of congenital influenza. *Ibid.* p. 205.
4. Haemorrhages in the new-born. *Boston Med. and Surg. Journ.* 27 Aug. 1891; cxxv. 218-220. Reprinted separately.

**Crawford Howell Toy.**

*Hancock Professor of Hebrew and other Oriental Languages, and Dexter Lecturer on Biblical Literature.*

1. Judaism and Christianity. A sketch of the progress of thought from Old Testament to New Testament. Boston. Little, Brown & Co. 1890. 8°. pp. xvii. 456.
2. Analysis of Genesis ii. iii. *Journ. Biblical Lit.* Jan. 1891; x. pt. i. 1-19.
3. The religious element in ethical codes. *Internat. Journ. Ethics*, April, 1891; i. 289-311.

**John Trowbridge.**

*Rumford Professor and Lecturer on the Application of Science to the Useful Arts, and Director of the Jefferson Physical Laboratory.*

1. Damping of electrical oscillations on iron wires. *Proc. Am. Acad.* 1891; xxvi. — *Am. Journ. Sci.* Sept. 1891; cxlii. 223-230.

2. Motion of atoms in electrical discharges. *Philos. Mag. and London, Edinburgh, and Dublin Journ. Sci.* Dec. 1890; xxx. 480-483.
3. Physical notes in *American Journal of Science* as joint editor. 1890-91.

**Henry Van Dyke.**

*Preacher to the University.*

1. The poetry of Tennyson. Revised and enlarged edition. New York. Scribner's Sons. 1891. 8°. pp. xviii. (2), 370, *portr.*
2. On the study of Tennyson. *Century Mag.* Aug. 1891; xlii. 502-510.
3. The revision of the confession of faith. Five articles in *The New York Evangelist*, 27 Aug. — 30 Sept. 1891.

**Herman Frank Vickery.**

*Instructor in Clinical Medicine.*

1. A case of triplets. *Med. Communications Mass. Med. Soc.* 1891; ii. no. 2, 459-458.
2. Diseases of the heart and bloodvessels. With E. N. Whittier, M.D., and E. M. Greene, M.D. *Sajous' Annual of the Universal Med. Sciences*, 1891; i. B 1-B 7.
3. Two unusual obstetric cases. *Boston Med. and Surg. Journ.* 30 Oct. 1890; cxxiii. 412, 413.
4. Menorrhagia in a patient afflicted with haemophilia. *Ibid.* 27 Nov. 1890; cxxiii. 520.

**Oliver Fairfield Wadsworth.**

*Professor of Ophthalmoscopy.*

1. A case of metastatic carcinoma of the choroid. *Trans. Am. Ophthalmological Soc.* 1890; v. pt. 3, p. 654. — *Boston Med. and Surg. Journ.* 20 Nov. 1890; cxxiii. 489, 490.
2. Thrombosis of arteria centralis retinae — large retino-ciliary artery — central vision unimpaired. *Trans. Am. Ophthalmological Soc.* 1890; v. pt. 3, 672. — *Boston Med. and Surg. Journ.* 11 Dec. 1890; cxxiii. 559, 560.

**George Lincoln Walton.**

*Clinical Instructor in Diseases of the Nervous System, and Instructor in Neurology in the Dental School.*

1. Fatal case of lead poisoning in which ataxia was the principal symptom (pseudo-tabes). *Boston Med. and Surg. Journ.* 30 Oct. 1890; cxxiii. 411, 412.  
Also reprinted: Boston. Damrell & Upham. 1890. 16°. pp. 6.
2. A case of successful trephining for subdural haemorrhage produced by contre-coup. With Dr. John Homans. *Ibid.* 12 Feb. 1891; cxxiv. 153-157, *illustr.*  
Also reprinted: Boston. Damrell & Upham. 1891. 18°. pp. 32.
3. The methodical examination of patients with diseases of the nervous system. *Internat. Clinics*, July, 1891; pp. 226-235.



**Robert DeCourcy Ward.***Assistant in Physical Geography and Meteorology.*

1. The climatic history of Lake Bonneville. *Am. Meteorol. Journ.* viii. 164.

**John Collins Warren.***Associate Professor of Surgery.*

1. The parasitic origin of cancer. *Boston Med. and Surg. Journ.* 8 Jan. 1891; cxxiv. 53-56.
2. Five cases of laparotomy for pelvic abscess. *Ibid.* 19 Feb. 1891; cxxiv. 183-185.

**William Homer Warren.***Assistant in Chemistry.*

1. The reactions of sodic alcoholates with tribromdinitrobenzol and tribromtrinitrobenzol. *Am. Chem. Journ.* xiii. 164-193.

**Benjamin Marston Watson.***Instructor in Horticulture.*

1. In-door gardens. *Am. Garden*, Dec. 1890; xi. 765.
2. Out-door roses. *Ibid.* p. 758.
3. Tuberous begonias. *Ibid.* Jan. 1890; xii. 25.
4. The chrysanthemum. *Annals of Horticulture in North America*, 1890. New York. Rural Publ. Co. 1891; p. 38.

**Francis Sedgwick Watson.***Clinical Instructor in Genito-urinary Surgery, and Assistant in Surgery.*

1. A new means to assist in the removal of intra-vesical growths, through a supra-pubic cystotomy. *Lancet* (London), 18 Oct. 1890.

This paper was presented to the Surgical Section of the International Medical Congress in Berlin, Aug. 7, 1890.

**Sereno Watson.***Curator of the Herbarium.*

1. On the genus *Eriogynia*. *Botanical Gazette*, xv. 241, 242, plate 1.
2. The relation of the Mexican flora to that of the United States. *Proc. Am. Assoc. Adv. Sci.* xxxix. 291, 292.
- 3-6. Contributions to American botany: — i. Descriptions of some new North American species, chiefly of the United States, with a revision of the American species of the genus *Erythronium*. — ii. Descriptions of new Mexican species, collected chiefly by Mr. C. G. Pringle in 1889 and 1890. — iii. Upon a wild species of *Zea* from Mexico. — iv. Notes upon a collection of plants from the Island of Ascension. *Proc. Am. Acad.* xxvi. 124-163. Also issued separately as "Contributions to American Botany. xviii.," with index.

**Barrett Wendell.***Assistant Professor of English.*

1. English Composition. Eight lectures given at the Lowell Institute. New York. Charles Scribner's Sons. 1891. 8° pp. x. 316.

These lectures were reported, as delivered, in the Boston newspapers, Nov. and Dec. 1890.

**Oliver Clinton Wendell.***Assistant in the Astronomical Observatory.*

1. Observations of comet 1890 IV. *Astron. Nach.* cxxvi. 121. — *Astron. Journ.* x. 102.
2. Second series of observations of comet 1890 IV. *Astron. Nach.* cxxvii. 297. — *Astron. Journ.* x. 133.
3. Observations of comet 1882 II. *Astron. Nach.* cxxvii. 293.
4. Observations of comet 1889 I, comet 1890 II, comet 1890 III, comet 1890 VI, and comet  $\alpha$  1891. *Astron. Nach.* cxxvii. 297. — *Astron. Journ.* xi. 4.
5. Ephemeris of comet 1890 VI for November, 1890. *Sidereal Messenger*, ix. 419.
6. Ephemeris of comet 1890 II for December, 1890. *Ibid.* ix. 465.
7. Orbit and ephemeris of comet 1890 IV. *Ibid.* x. 35.
8. Ephemeris of comet 1890 IV for February, 1891. *Ibid.* x. 102.
9. Ephemeris of comet 1890 II for March, 1891. *Ibid.* x. 147.
10. Ephemeris of comet 1890 II for April, 1891. *Ibid.* x. 201.
11. Orbit and ephemeris of comet  $\alpha$  1891. *Ibid.* x. 288.
12. Ephemeris of comet  $\alpha$  1891 for July, 1891. *Ibid.* x. 368.

**James Clarke White.***Professor of Dermatology.*

1. Immigrant dermatoses. *Journ. Cutaneous and Genito-urinary Diseases*, Oct. 1890; pp. 369-379.

Read Sept. 1890, at the meeting of the American Dermatological Association. Also reprinted: 1890. 8°.

2. [Discussion on psorospermiosis before the Boston Society for Medical Improvement]. *Boston Med. and Surg. Journ.* 15 Jan. 1890; cxxiv. 66.
3. [Discussion on action of tuberculin (Koch) before Boston Society for Medical Improvement]. *Ibid.* 6 Aug. 1891; cxxv. 139, 140.

**John Williams White.***Professor of Greek.*

1. The beginner's Greek book. Advance pages. Boston. Ginn & Co. 1891. 8° pp. iv. 168.
- 2-7. College series of Greek authors. Edited under the supervision of John Williams White and Thomas D. Seymour.
  2. Plato's *Gorgias*. Edited on the basis of the Deuschle-Cron edition, by Gonzalez Lodge, Ph.D., Associate in Bryn Mawr College. Boston. Ginn & Co. 1890. 8°. pp. iv. 308.



3. Text edition of the same. pp. 113.
4. Homer's Iliad. Books IV.-VI. Edited on the basis of the Ameis-Hentze edition by Thomas D. Seymour, Hillhouse Professor of Greek in Yale College. Boston. Ginn & Co. 1890. 8°. pp. iii. 213.
5. Text edition of the same. pp. 66.
6. The Prometheus bound of Aeschylus and the fragments of the Prometheus unbound. With introduction and notes by N. Wecklein, Rector of the Maximilian Gymnasium in Munich, translated by F. D. Allen, Professor in Harvard University. Boston. Ginn & Co. 1891. pp. iii. 178.
7. Text edition of the same. pp. 55.
8. The stage in Aristophanes. *Harv. Studies in Class. Philol.* 1891; ii. 159-205.  
Also reprinted: Jan. 1891. 8°. pp. 47.
9. Professor White is one of the editorial committee in charge of the *Harvard Studies in Classical Philology*.

### Harold Whiting.

*Instructor in Physics.*

1. A course of experiments in physical measurements. In four parts. Boston. D. C. Heath & Co. 1891. 8°. pp. 1226.  
*Contents:* — 1. Density, heat, light, and sound. — 2. Sound, dynamics, magnetism, and electricity. — 3. Notes on the principles and methods of physical measurements, with mathematical and physical tables for the use of students. — 4. Appendix for the use of teachers.  
The four parts were issued separately: — 1. Cambridge. John Wilson & Son. pp. 1-278. — 2. Cambridge. John Wilson & Son. pp. viii. 279-583. — 3. Cambridge. John Wilson & Son. pp. viii. 585-900. — 4. Boston. D. C. Heath & Co. pp. 901-1226.

### Francis Henry Williams.

*Assistant Professor of Therapeutics.*

- 1-3. Reports on progress in therapeutics. *Boston Med. and Surg. Journ.* 20 Nov. 1890, 26 Feb., 23 July, 1891; cxxiii. 490-493, cxxiv. 208-211, cxxv. 81-83.
4. Nourishment in acute diseases. *Ibid.* 3 Sept. 1891; cxxv. 246-248. — *Med. Communications Mass. Med. Soc.* 1891; xv. pt. 2, 427-431.

### Samuel Williston.

*Assistant Professor of Law.*

1. Can an insolvent debtor insure his life for the benefit of his wife? *Am. Law Rev.* March—April, 1891; xxv. 185.

### Arthur Brown Willmott.

*Assistant in Mineralogy.*

1. Nickel. *Young Canadian* (Montreal), 1891; i.

### Konelm Winslow.

*Instructor in Materia Medica and Botany in the School of Veterinary Medicine.*

1. Action of cold and other antipyretic agencies on bodily temperature. *Veterinary Rev.* July, 1891.
2. Clinical aspects of influenza from a comparative standpoint. *Boston Med. and Surg. Journ.* 2 July, 1891; cxxv. 9, 10.

### Justin Winsor.

*Librarian of the University.*

- 1-15. In *The Nation*: — 1. English cathedral libraries. 9 Oct. 1890; li. 284. — 2. Letters and sports in Scotland. 6 Nov. 1890; li. 358. — 3. A Scottish university lecture-room. 13 Nov. 1890; li. 377. — 4. Reform of the University of Edinburgh. 27 Nov. 1890; li. 417. — 5. An English university in winter. 8 Jan. 1891; lii. 26. — 6. With Bradford and Harvard. 22 Jan. 1891; lii. 67. — 7. The monuments of Southwark. 12 Feb. 1891; lii. 132. — 8. The public records in England. 26 Feb. 1891; lii. 176. — 9. English views of the copyright act. 29 Jan. 1891; lii. 87. — 10. America at the Guelph exhibition. 12 March, 1891; lii. 215. — 11. London archives of American history. 26 March, 1891; lii. 258. — 12. Columbiana. 9 April, 1891; lii. 297. — 13. The Venetian archives. 4 June, 1891; lii. 456. — 14. America in Italian libraries. 2 July, 1891; lii. 9. — 15. The condition of Italian libraries. 9 July, 1891; lii. 26.
16. Letter from London on the Winthrop map of New England. *Proc. Mass. Hist. Soc.* Jan. 1891; 2d ser. vi. 259.
17. Edited Harvard University Bulletin, nos. 47, 48, 49; Oct. 1890—May, 1891.
18. Edited Bibliographical Contributions of the Library of Harvard University, nos. 39-43. See p. 8.
19. Thirteenth report of the librarian of Harvard College. 1890-91. Included in the annual report of the President, and also issued separately.

### Charles Francis Withington.

*Assistant in Clinical Medicine.*

1. Prodromal and early symptoms of Bright's disease. *Boston Med. and Surg. Journ.* 10 Sept. 1891; cxxv. 263-267. — *Med. Communications Mass. Med. Soc.* 1891; xv. no. 2, 435-441.

### John Eliot Wolff.

*Instructor in Petrography.*

1. On the lower Cambrian age of the Stockbridge limestone. *Bull. Geol. Soc. America*, ii. 331-338.
2. Metamorphism of elastic feldspar in conglomerate schist. *Bull. Mus. Comp. Zool.* Sept. 1891; xvi. no. 10, 173-183, plates 2.

### William McMichael Woodworth.

*Assistant in Microscopical Anatomy.*

1. Contributions to the morphology of the Turbellaria. I. On the structure of *Phagocata gracilis*, Leidy. *Bull. Mus. Comp. Zool.* April, 1891; xxi. no. 1, 1-42, plates 4.

**John Henry Wright.***Professor of Greek.*

1. [Review of] Gwatkin and Shuckburgh's "Aeschines in Ctesiphonta." *Class. Rev.* 1891; v. 149-153.
2. [Review of] Rubensohn's "Crinagoras." *Ibid.* v. 317, 318.
3. The Aristotle papyrus. *Nation*, 7 May, 1891; liii. 382-384.
4. Literary notes in the *Nation*, nos. 1354, 1365, 1366, 1368, 1369.
5. Professor Wright is American editor, with T. D. Seymour and W. G. Hale, of the *Classical Review*. (London and Boston.)

## PUBLICATIONS RELATING TO THE UNIVERSITY.

Being such as have come, incidentally, to the notice of the Editor.

### DESCRIPTIVE AND HISTORICAL.

An historical sketch of Harvard University from its foundation to May, 1890. By William R. Thayer. [Reprinted from the History of Middlesex county, Massachusetts.] Cambridge. 1890. 4<sup>o</sup>. pp. 66.

Harvard University. A brief statement of what Harvard University is, how it may be entered and how its degrees may be obtained. Cambridge. Published by the University. 8<sup>o</sup>. pp. 56.

By Frank Bolles, Secretary of the University.

The present and future of Harvard College. An address delivered before the Phi Beta Kappa Society at Cambridge, Mass., June 25, 1891, by William Watson Goodwin. Boston. Ginn & Co. 1891. 8<sup>o</sup>. pp. 42.

Harvard Club dinner. New Bedford, Jan. 30, 1891. n. p. n. d. 8<sup>o</sup>. pp. 49.

Harvard College, 1786-87. By Henry Adams. *Historical essays*. New York. Charles Scribner's Sons. 1891; pp. 80-121.

This article was originally printed in the *North American Review*, Jan. 1872.

The soldier's field. Henry Lee Higginson. 8<sup>o</sup>. pp. (6), 12.

Copies of the pamphlet were distributed to members of the Military Order of the Loyal Legion of the United States, introduced by a note from the Library committee, and the records of the officers commemorated by the gift.

Etching of the College Yard. By Robert R. Wiseman.

Etching of the transept in Memorial Hall. By Henry R. Blaney.

In Periodicals and Newspapers. — Reminiscences of Gov. Lincoln at the inauguration of President Quincy. *Proc. Mass. Hist. Soc.* Oct.-Nov. 1890; n. s. vi. 166-168. — Ready hands for demolition [of inartistic buildings]. *Nation*, 16 Oct. 1890; li. 304. — A lost college building. By A. McF. Davis. *Commonwealth* (Boston), 22 Nov. 1890. — Review of the Annual catalogue. *Boston Post*, 18 Nov. 1890; *Boston Advertiser*, 19 Nov. 1890. — At Harvard. By C. W. Bardeen. *School Bulletin* (Syracuse, N. Y.), Dec. 1890. — A sketch of Harvard University. By Charles D. M. Cole. *University Mag.* Dec. 1890; pp. 83-91, *illustr.* — Harvard echoes. *New England Mag.* Jan. 1891; n. s. iii. 680. — Harvard commons: evolution of the Harvard Dining Association. By G. P. W. *Boston Traveller*, 21, 31 Jan. 1891. — Reviews of the Annual report of the President and Treasurer. *Boston Journal*, *Boston Herald*, 2 Feb. 1891. *Educational Rev.* March, 1891; i. 282-284. — The pressure towards the universities. *Boston Herald*, 2 Feb. 1891. — Harvard College during the war of the rebellion. By Nathan Appleton. *New England Mag.* March, 1891; iv. 3-23. — President

Eliot's western trip. *Boston Post*, 18 March, 1891. — President Eliot's strong points. *Ibid.* 26 March, 1891. — The Fayerweather will case. *Boston Transcript*, 17 March, 1891. — College men in politics. *New Englander and Yale Rev.* April, 1891. — Geographical distribution of the students of Harvard and Yale. *Boston Globe*, 5 April, 1891. — Memoir of James Walker, D.D. [President of Harvard College, 1853-1860.] By O. B. Frothingham. *Proc. Mass. Historical Soc.* May, 1891; n. s. vi. 443-468. — The Hopkins scholarships. *Boston Post*, 22 May, 1891. — Reminiscences of Professor Sophocles. By Professor G. H. Palmer. *Atlantic Mo.* June, 1891; lxvii. 779. — Memories of Professor Sophocles. *Boston Transcript*, 4-13 June, 1891. — Settlement of the John Hancock will case. *Boston Post*, 10 June, 1891. — Australian ballot proposed for the election of overseers. *Ibid.* 11 June, 1891. — Famous halls at Harvard. *Boston Sunday Herald*, 14 June, 1891.

### INSTRUCTION.

The teaching and history of mathematics in the United States. Washington, D.C. 1890. 8<sup>o</sup>.

Bureau of Education. Circular of Information. No. 3, 1890. Harvard College, pp. 18-28, 57-61, 127-151.

Considerations on new Harvard methods. By Albert Stickney. Printed for private distribution. [New York. 1891.] 8<sup>o</sup>. pp. 32.

Supplemental considerations on the new Harvard methods. [New York. 1891.] 8<sup>o</sup>. pp. 8.

In Periodicals and Newspapers. — The future of American universities. By A. D. White. *North Am. Rev.* Oct. 1890; li. 443-452. — Harvard's graduate schools. *Boston Advertiser*, 2 Oct. 1890. — The three-years course. Professor Royce's St. Paul speech. *Ibid.* 8 Oct. 1890. — The courses at Harvard. Why the proposed plan should not be adopted. W. F. Warren. *Boston Post*, 31 Oct. 1890. — The Harvard degree. President Warren's statements regarding the proposed change examined. W. F. Warren. *Ibid.* 21 Nov. 1890. — The Harvard degree. W. F. Warren. *Ibid.* 21 Nov. 1890. — The collegiate course. *Boston Advertiser*, 5 Dec. 1890. — A course in three years. *Boston Post*, 6 Dec. 1890. — English at Harvard. *Boston Transcript*, 24 Dec. 1890. — The next step in education. C. K. Adams. *Forum*, Feb. 1891; x. 618-632. — The ideal college education. J. G. Schurman. *Andover Rev.* Feb. 1891; xv. 151-160. — Facts for the Harvard overseers. W. F. W. *Boston Post*, 2 Feb. 1891. — Circular to undergraduates on the three-years course. *Boston Herald*, 20 Feb. 1891. — Astronomical courses at Harvard. *Ibid.* 21 Feb. 1891. — Botany at Harvard. *Boston Sunday Herald*, 22 Feb. 1891. — The three-years course. Prof. Macvane. *Harr.*

Mo. Mar. 1891; xii. 1-13. — The growth of New England colleges. A. M. Comey. *Educational Rev.* Mar. 1891; i. 209-219. — Final action of the overseers on the three-years course. *Boston Herald*, 9 April, 1891. — Shortening the college course. S. C. Bartlett. *Education*, June, 1891; xi. 585-590. — The three-years course. *Boston Post*, 5 June, 1891. — The new rules at Harvard. *Ibid.* 9 June, 1891. — The new elective courses. *Ibid.* 11 June, 1891. — How to save two years. *Boston Sunday Herald*, 28 June, 1891. — Summer schools. *Ibid.* 30 June, 1891. — The Harvard overseers. *Boston Post*, 2 July, 1891. — Address on the action of the Harvard College Faculty in regard to the three-years course, delivered at the annual meeting of the Classical and High School Association. President Eliot. *Boston Journal*, 4 April, 1891. — The proposed shortening of the college course. Professor William James. *Harvard Mo.* Jan. 1891; xi. 127-137.

### UNDERGRADUATE AFFAIRS.

Harvard's better self. By William Reed Bigelow. Reprinted from the *New England Mag.* for December, 1890 [N. S. iii. 504-511]. Published at 86 Federal Street, Boston. 8° pp. (8).

This article is reprinted and distributed by the Young Men's Christian Association of Harvard University.

Echoes of the Harvard-Yale football game of 1890, being a collection of ephemeral but interesting expressions of rejoicings of the hour. Cambridge. C. H. Thurston. 1890. pp. 24.

The story of John the orange-man. By one of his 'Frinds.' Cambridge. John Wilson & Son. 1891. 12° pp. 45, plates 3.

In Periodicals and Newspapers. — A series of letters, some twenty in number, by an undergraduate (signed G. P. W.), appeared in the *Boston Traveller* on successive Saturdays between Dec. 1890, and June, 1891; they depicted various phases of undergraduate life. — The Harvard board of preachers. *Boston Advertiser*, 4 Oct. 1890. — Religion at Harvard. *Ibid.* 8 Oct. 1890. — The Foxcroft Club reorganized. *Ibid.* 10 Dec. 1890. — College athletics. *Ibid.* 10 Dec. 1890. — Morals at Harvard. "Horatio." *Boston Transcript*, 31 Jan. 1891. — The expenses of my Freshman year at Harvard. By A. Tessin. *Collegeman*, Feb. 1891; i. 52. — The Prospect progressive union. *Boston Advertiser*, 11 Feb. 1891. — The

"Conference Française" plays. *Boston Journal*, 9 May, 1891. — An account of "Poco." *Boston Globe*, 10 May, 1891. — Harvard-Yale graduate cup. *Boston Post*, 11 May, 1891. — Police raids on Harvard clubs. *Boston Globe*, 6 June, 1891. — Harvard at Parker's and Young's. *Boston Traveller*, 8 June, 1891. — Changes at Memorial Hall. *Boston Herald*, 11 June, 1891. — Z & Ψ fines. *Ibid.* 18 June, 1891. — A Harvard man on class-day. *Boston Transcript*, 20 June, 1891. — "Fair Harvard" and liquor nuisances. *Boston Traveller*, 22 June, 1891. — Social life in our large colleges. *Boston Post*, 30 June, 1891. — Every-day life at Harvard. *Boston Transcript*, 26 Sept. 1891.

### DEPARTMENTS.

The William Hayes Fogg art museum. *Boston Post*, 10 Jan. 1891.

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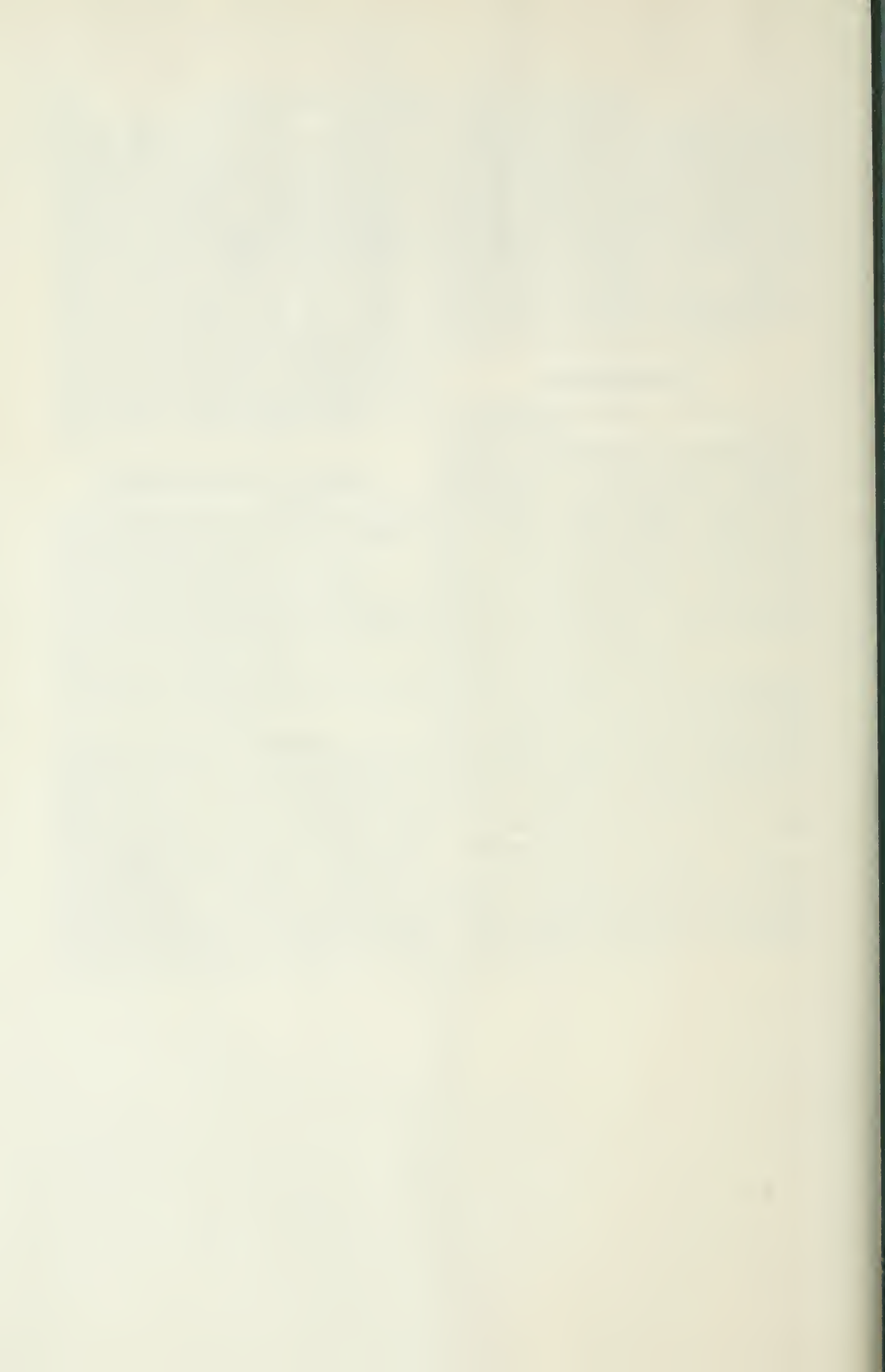
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